# Toxics Release Inventory (TRI)
# State File Documentation for RY 1998

Prepared for:


Environmental Protection Agency
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By:

CBSI
Computer Based Systems, Inc.

Computer Based Systems, Inc.
4600 N. Fairfax Drive, Suite 300
Arlington, VA 22003

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## 1.0 Overview

The Toxics Release Inventory (TRI) State Files are a set of four files containing all data submitted on the Toxic Chemical Release Inventory Reporting Form (Form R) by facilities located in a selected state. The four files and their contents are as follows:

| File | Description of Contents |
|---|---|
| Type 1 | Facility, Chemical, Releases and Other Waste Management Summary Information |
| Type 2 | Detailed Waste Management and Source Reduction Activities |
| Type 3A | Details of Transfers Off-site |
| Type 3B | Details of Transfers to Publicly Owned Treatment Works (POTW) |

These files are identified by state and file type. File "VA_1.txt", for example is the Facility, Chemical, Releases and Other Waste Management Summary Information (File Type 1) for all facilities located in Virginia (VA).

In addition to a file set for each state, there is a "GOCO" file set ("GOCO1.txt", "GOCO2.txt", etc.) which contains data on all government owned, contractor operated and federal sites. The whole database (all states) are represented in the file set labeled NATIONAL1.txt, NATIONAL2.txt, etc.

## 2.0 Field Descriptions

The following sections contain the record structure for each of the Toxics Release Inventory (TRI) State Files. The codes and definitions used in the following record descriptions are listed in the *Toxic Release Inventory Reporting Forms and Instructions* booklet.

The record descriptions in each of the following sections contain the following columns and information:

- Number - the sequential number of the data element in the record
- Field Name - the TRI System field name of the data element
- Data Type - “C” for character data; “N” for numeric data; and “D” for date
- Description - a brief statement of what the data element represents along with its TRI System source (in **Table Name**.Field Name format) and the Form R reference

The data contained in each of the four files are comma delimited (a comma is placed between each data element). In cases where a comma is part of the data, quotation marks (“ ”) are used around the data element so as not to confuse it with a field delimiter.

The first record (row) of each file contains the field names for that file type.

## 2.1 Facility, Chemical, Releases and Other Waste Management Summary Information Record (Type 1)

| Num. | Field Name | Type | Description |
|---|---|---|---|
| | | | |
| 1 | FORM TYPE | C | An indicator identifying whether Form R or Certification Statement was submitted.<br>R = Long Form (Form R)<br>A = Short Form (Form A, Certification Statement.)<br>*Source:* **FORMR.**FORM_TYPE<br>*Reference:* Type of Form Used |
| 2 | REPORTING YEAR | C | Provides the calendar year in which the reported activities occur.<br>*Source:* **FACILITY_HISTORY**. REPORTING YEAR<br>*Reference:* Part I, Section 1 |
| 3 | TRADE SECRET INDICATOR | C | This field indicates whether the reporting facility claims the identity of the chemical or chemical category as a trade secret.<br>Yes = Checked (Trade Secret)<br>No = Not checked<br>Note: Only Sanitized Trade Secret submissions are stored in the TRIS database.<br>*Source:* **FORMR.**TRADE_SECRET<br>*Reference*: Part I, Section 2.1 |
| 4 | SANITIZED INDICATOR | C | This field indicates whether the reporting facility has sanitized trade secret information.<br>Yes = Checked (form information sanitized)<br>No = Not checked<br>*Source:* **FORMR.**SANITIZED<br>*Reference*: Part I, Section 2.2 |
| 5 | TITLE OF CERTIFYING OFFICIAL | C | This field provides the corporate title of the senior official certifying the accuracy and completeness of information on the submission.<br>*Source:* FORMR**.**CERT_TITLE<br>*Reference:* Part I, Section 3 |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 6 | NAME OF CERTIFYING OFFICIAL | C | Provides the name of the senior official certifying the accuracy and complete- ness of the information on the submission.<br>*Source:* **FORMR.**CERT_NAME<br>*Reference:* Part I, Section 3 |
| 7 | CERTIFYING OFFICIALS SIGNATURE INDICATOR | C | Indicates whether the certifying signature is provided. Possible values are:<br>Original = original signature<br>Photocopy = photocopy of signature<br>No Signature = no signature<br>NA = not applicable- magnetic media submission<br>*Source:* **FORMR.**CERT_SIGNATURE<br>*Reference:* Part I, Section 3 |
| 8 | DATE SIGNED | D | Provides the date of the certifying signature.<br>Source: **FORMR.**CERT_DATE<br>*Reference:* Part I, Section 3 |
| 9 | TRIFID | C | Facility identification in the format zzzzznnnnnssssss where usually zzzzz = facility zip code, nnnnn = first five consonants of the name, and sssss = first five non-special characters in the street address.<br>**NOTE:** *The contents of this field is **not** changed to match facility ownership, or zip code changes. Rather, the TRI Facility ID identifies a specific geographical location which is also identified by the latitude and longitude of that location.*<br>*Source:* **FACILITY.**TRIFID<br>*Reference:* Part I, Section 4.1 |
| 10 | FACILITY NAME | C | Name of the reporting facility.<br>*Source:* **FACILITY.**NAME<br>*Reference:* Part I, Section 4.1 |
| 11 | FACILITY STREET | C | Street address of the reporting facility.<br>*Source:* **FACILITY.**STREET<br>*Reference:* Part I, Section 4.1 |
| 12 | FACILITY CITY | C | City in which the reporting facility is located.<br>*Source:* **V_CITY.**ZC_CITY<br>*Reference:* Part I, Section 4.1 |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 13 | FACILITY COUNTY | C | County in which the reporting facility is located.<br>*Source:* **V_COUNTY.**ZC_COUNTY<br>*Reference:* Part I, Section 4.1 |
| 14 | FACILITY STATE | C | Two-letter state code of the reporting facility.<br>*Source:* **V_STATE.**ZC_STATE<br>*Reference:* Part I, Section 4.1 |
| 15 | FACILITY ZIP CODE | C | Five-digit ZIP of the reporting facility.<br>*Source:* **V_ZIPCODE.** ZC_ZIPCODE<br>*Reference:* Part I, Section 4.1 |
| 16 | MAILING NAME | C | This field provides the first and second lines of the mailing name for the facility.<br>**MAIL_ADDRESS.**MAIL_NAME |
| 17 | MAILING STREET | C | Street of the reporting facility's mailing address.<br>*Source:* **MAIL_ADDRESS.**STREET<br>*Reference:* Part I, Section 4.1 |
| 18 | MAILING CITY | C | Contains the city name provided by the reporting facility to which mail is to be sent<br>*Source:* **V_CITY.**ZC_CITY<br>*Reference:* Part I, Section 4.1 |
| 19 | MAILING STATE | C | State of the reporting facility's mailing address.<br>*Source:* **V_STATE.**ZC_STATE<br>*Reference:* Part I, Section 4.1 |
| 20 | MAILING ZIP CODE | C | Zip code plus extended zip code of the reporting facility's mailing address.<br>*Source:* **V_ZIPCODE.**ZC_ZIPCODE<br>*Reference:* Part I, Section 4.1 |
| 21 | ENTIRE FACILITY IND | C | Indicates whether the information covers an entire facility or part of a facility.<br>Yes = entire<br>No = partial<br>*Source:* **FACILITY.** ASGN_PARTIAL<br>*Reference:* Part I, Section 4.2a |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 22 | PARTIAL FACILITY IND | C | Indicates whether the information covers an entire facility or part of a facility.<br>Yes = partial<br>No = entire<br>*Source:* **FACILITY.** ASGN_PARTIAL<br>*Reference:* Part I, Section 4.2b |
| 23 | FEDERAL FACILITY IND | C | Code indicating whether a facility is Federal or not.<br>Yes = Federal<br>No = non-Federal or GOCO<br>*Source:* **FACILITY.**ASGN_FEDERAL<br>*Form R:* Part I Section 4.2c |
| 24 | PUBLIC CONTACT NAME | C | Name of the individual whom the public may contact if clarification of data is needed.<br>*Source:* **FACILITY.**ASGN_PUBLIC_ CONTACT<br>*Reference:* Part I, Section 4.4 |
| 25 | PUBLIC CONTACT PHONE | C | Area code and telephone number of the public contact.<br>*Source:* **FACILITY.**ASGN_PUBLIC_ PHONE<br>*Reference:* Part I, Section 4.4 |
| 26 | PRIMARY SIC CODE | C | Primary four-digit Standard Industrial Classification (SIC) Code.<br>*Source:* **SIC.**V_SIC_ID<br>*Reference:* Part I, Section 4.5a |
| 27 | SIC CODE 2 | C | Second four-digit Standard Industrial Classification (SIC) Code entered by facility.<br>*Source:* **SIC.**V_SIC_ID<br>*Reference:* Part I, Section 4.5b |
| 28 | SIC CODE 3 | C | Third four-digit Standard Industrial Classification (SIC) Code entered by facility.<br>*Source:* **SIC.**V_SIC_ID<br>*Reference:* Part I, Section 4.5c |
| 29 | SIC CODE 4 | C | Fourth four-digit Standard Industrial Classification (SIC) Code entered by facility.<br>*Source:* **SIC.**V_SIC_ID<br>*Reference:* Part I, Section 4.5d |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 30 | SIC CODE 5 | C | Fifth four-digit Standard Industrial Classification (SIC) Code entered by facility.<br>*Source:* **SIC.**V_SIC_ID<br>*Reference:* Part I, Section 4.5e |
| 31 | SIC CODE 6 | C | Sixth four-digit Standard Industrial Classification (SIC) Code entered by facility.<br>*Source:* **SIC.**V_SIC_ID<br>*Reference:* Part I, Section 4.5f |
| 32 | LATITUDE | N | Reported latitude of the reporting facility **converted into decimal degrees** (Format: signed 2 digit whole number, 6 digit decimal positions +nn.nnnnnn).<br>*Source:* **FACILITY.**<br>ASGN_LATITUDE_DEGREES,<br>ASGN_LATITUDE_MINUTES<br>ASGN_LATITUDE_SECONDS<br>*Reference:* Part I, Section 4.6 |
| 33 | LONGITUDE | N | Reported longitude of the reporting facility **converted into decimal degrees.** (Format: signed 3 digit whole number, 6 digit decimal positions +nnn.nnnnnn).<br>*Source:* **FACILITY.**<br>ASGN_LONGITUDE_DEGREES<br>ASGN_LONGITUDE_MINUTES<br>ASGN_LONGITUDE_SECONDS<br>*Reference:* Part I, Section 4.6 |
| 34 | D&B NR A | C | Unique identification number assigned by Dun and Bradstreet to the reporting facility.<br>*Source:*<br>*Reference:* Part I, Section 4.7a |
| 35 | D&B NR B | C | Unique identification number assigned by Dun and Bradstreet to the reporting facility.<br>*Source:*<br>**FACILITY_DB_NUM.**DB_NUMBER<br>*Reference:* Part I, Section 4.7b |
| 36 | RCRA NR A | C | Twelve-digit alphanumeric identifier assigned by EPA under the Resource Conservation and Recovery Act.<br>*Source:* **FACILITY_RCRA.**RCRA or RCRA_NA<br>*Reference:* Part I, Section 4.8a |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 37 | RCRA NR B | C | Twelve-digit alphanumeric identifier assigned by EPA under the Resource Conservation and Recovery Act.<br>*Source:*<br>*Reference:* Part I, Section 4.8b |
| 38 | NPDES NR A | C | Nine-digit alphanumeric identifier assigned to a facility under EPA's National Pollutant Discharge Elimination System.<br>*Source:*<br>**FACILITY_NPDES.**NPDES_NUMBER<br>*Reference:* Part I, Section 4.9a |
| 39 | NPDES NR B | C | Nine-digit alphanumeric identifier assigned to a facility under EPA's National Pollutant Discharge Elimination System.<br>*Source:*<br>*Reference:* Part I, Section 4.9b |
| 40 | UIC NR A | C | Underground injection identification number, assigned by EPA or the state, to a facility which injects chemical waste into class 1 deep wells.<br>*Source:* **FACILITY_UIC.**UIC_NUMBER<br>*Reference:* Part I, Section 4.10a |
| 41 | UIC NR B | C | Underground injection identification number, assigned by EPA or the state, to a facility which injects chemical waste into class 1 deep wells.<br>*Source:*<br>*Reference:* Part I, Section 4.10b |
| 42 | PARENT COMPANY NAME | C | Name of the corporation or other business entity that owns or controls the reporting facility.<br>*Source:* **PARENT_COMPANY.**PARENT_ NAME<br>*Reference:* Part I, Section 5.1 |
| 43 | PARENT COMPANY D&B NR | C | Unique identification number assigned by Dun and Bradstreet to the parent company of the reporting facility.<br>*Source:*<br>**PARENT_COMPANY.**PARENT_DB<br>*Reference:* Part I, Section 5.2 |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 44 | DOCUMENT CONTROL NUMBER | C | Unique identification number assigned to each submission by EPA. Format: TTYYMMMNNNNNCSS, where<br>TT = document type<br>YY = reporting year<br>MMM = media type<br>NNNNNN= sequential number<br>C = check digit<br>*Source:* **FORMR.** (13 + RY + DOC_TYPE + SEQ_NUM + Check digit)<br>*Reference:* NA (System generated) |
| 45 | CAS NUMBER | C | Chemical Abstracts Service (CAS) Registry Number for that unique chemical, or category code (for compounds).<br>**NOTE:** *CAS number 999999999 is for sanitized trade secret submissions; CHEM_NAME displays the reported generic chemical name.*<br>*Source:* **V_CAS_CHEMICAL.**CC_CODE<br>*Reference:* Part II, Section 1.1 |
| 46 | CHEMICAL NAME | | Name of the chemical or generic name if the chemical is claimed as a trade secret.<br>*Source:*<br>**FORMR.**CAS_CHEMICAL_NAME_ID or<br>**FORMR.**GEN_CHEM_NAME<br>*Reference:* Part II, Section 1.2 *or* Part II, Section 1.3 |
| 47 | PRODUCE THE CHEMICAL | C | Indicates whether the chemical is produced at this facility.<br>Yes = produced here<br>No = not produced here<br>*Source:* **SUBMISSION.**PRODUCE<br>*Reference:* Part II, Section 3.1a |
| 48 | IMPORT THE CHEMICAL | C | Indicates whether the chemical is imported at this facility.<br>Yes = imported<br>No = not imported<br>*Source:* **SUBMISSION.**IMPORTED<br>*Reference:* Part II, Section 3.1b |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 49 | ON-SITE USE | C | Indicates whether the chemical is produced or imported for on-site use at this facility.<br>Yes = on-site use<br>No = not used on site<br>*Source:* **SUBMISSION.**USED<br>*Reference:* Part II, Section 3.1c |
| 50 | SALE OR DISTRIBUTION | C | Indicates whether the chemical is produced or imported at this facility for sale or distribution.<br>Yes = imported for sale<br>No = not imported for sale<br>*Source:* **SUBMISSION.**SALE<br>*Reference:* Part II, Section 3.1d |
| 51 | AS A BYPRODUCT | C | Indicates whether the chemical is produced or imported at this facility as a byproduct.<br>Yes = byproduct<br>No = not byproduct<br>*Source:* **SUBMISSION.**BYPRODUCT<br>*Reference:* Part II, Section 3.1e |
| 52 | AS AN IMPURITY | C | Indicates whether the chemical is produced or imported at this facility as an impurity.<br>Yes = impurity<br>No = not impurity<br>*Source:* **SUBMISSION.**IMPURITY<br>*Reference:* Part II, Section 3.1f |
| 53 | AS A REACTANT | C | Indicates whether the chemical is at this facility as a reactant.<br>Yes = reactant<br>No = not reactant<br>*Source:* **SUBMISSION.**REACTANT<br>*Reference:* Part II, Section 3.2a |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 54 | AS A FORMULATION COMPONENT | C | Indicates whether the facility adds the reported chemical to a product or product mixture prior to further distribution of that product to act as a performance enhancer during the use of the product. Includes, but not limited to, additives, dyes, reaction diluents, initiators, solvents, inhibitors, emulsifiers, surfactants, lubricants, flame retardents, and rheological modifiers.<br>Yes = formulation component<br>No = not formulation component<br>*Source:* **SUBMISSION.**FORMULATION<br>*Reference:* Part II, Section 3.2b |
| 55 | AS AN ARTICLE COMPONENT | C | Indicates whether the facility uses the reported chemical as an integral component of an article distributed for industrial, trade, or consumer use.<br>Yes = integral component<br>No = not integral component<br>*Source:* **SUBMISSION.**COMPONENT<br>*Reference:* Part II, Section 3.2c |
| 56 | REPACKAGING | C | Indicates whether the chemical is processed at this facility by repackaging for distribution in commerce in a different form, state, or quantity. Yes = repackaged<br>No = not repackaged<br>*Source:* **SUBMISSION.**REPACKAGING<br>*Reference:* Part II, Section 3.2d |
| 57 | AS A CHEMICAL PROCESSING AID | C | Indicates whether the chemical is used at this facility as a chemical processing aid by adding the reported chemical to a reaction mixture or synthesis of another chemical substance, without intending for it to remain as a part of the mixture.<br>Yes = processing aid<br>No = not a processing aid<br>*Source:* **SUBMISSION.**PROCESSING<br>*Reference:* Part II, Section 3.3a |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 58 | AS A MANUFACTURING AID | C | Indicates whether the chemical is used at this facility to aid the manufacturing process, without intending for it to become part of the resulting product or the reaction mixture, during the manufacture or synthesis of another chemical substance.<br>Yes = manufacturing aid<br>No = not a manufacturing aid<br>*Source:* **SUBMISSION.**MANUFACTURE_AID<br>*Reference:* Part II, Section 3.3b |
| 59 | ANCILLARY OR OTHER USE | C | Indicates whether the chemical is used at this facility for purposes other than aiding chemical processing or manufacturing. Includes, but not limited to, cleaners, degreasers, lubricants, fuels, and chemicals used for treating wastes.<br>Yes = for ancillary or other use<br>No = not for ancillary or other use<br>*Source:* **SUBMISSION.**ANCILLARY<br>*Reference:* Part II, Section 3.3c |
| 60 | MAXIMUM AMOUNT ONSITE | C | This code indicates the maximum quantity of the chemical at the facility at any time during the calendar year. Includes sum of all on-site locations within any reporting facility.<br>*Source:* **V_MAX_WEIGHT_RANGE.** MAX_WEIGHT_CODE<br>*Reference:* Part II, Section 4.1 |
| 61 | FUGITIVE AIR EMISSIONS - TOTAL RELEASE POUNDS | N | Provides an estimation of the total amount of toxic chemical (in pounds/year) released to the environment from the reporting facility. Range codes are used for releases of less than 1000 pounds.<br>*Source:* **RELEASE_ON_SITE.** TOTAL_RELEASE<br>*Reference:* Part II, Section 5.1.A |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 62 | FUGITIVE AIR EMISSIONS - TOTAL RELEASE RANGE CODE | C | For releases less than 1,000 lbs, this field provides the code used to indicate the amount of the toxic chemical released annually from the reporting facility within a range. If none, the submitter enters zero.<br>A = 1-10<br>B = 1-499<br>C = 500-999<br>*Source:* **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* Part II, Section 5.1.A |
| 63 | TOTAL FUGITIVE AIR EMISSIONS | N | System generated total fugitive air emission in pounds/year. If the field FUGITIVE_AIR_EMISSIONS_TOT_ LBS (# 61) is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in the field FUGITIVE_AIR_EMISSIONS_TOT_ RANGE is used for the total emission value.<br>*Source:* **RELEASE_ON_SITE.** TOTAL_RELEASE, or **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* None |
| 64 | FUGITIVE OR NON-POINT AIR EMISSIONS - BASIS OF ESTIMATE | C | Provides a code indicating the principal method by which the total release estimate is calculated:<br>M = based on monitoring data<br>C = based on mass balance calculations<br>E = based on published emission factors<br>O = other<br>*Source:* **V_BASIS_OF_ESTIMATE.** BASIS_CODE<br>*Reference:* Part II, Section 5.1.B |
| 65 | STACK AIR EMISSIONS - RELEASE POUNDS | N | Provides an estimation of the total amount of toxic chemical (in pounds/year) released to the environment from the reporting facility. Range codes are used for releases of less than 1000 pounds.<br>*Source:* **RELEASE_ON_SITE.** TOTAL_RELEASE<br>*Reference:* Part II, Section 5.2.A |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 66 | STACK AIR EMISSIONS - RELEASE RANGE CODE | C | For releases less than 1,000 lbs, this field provides the code used to indicate the amount of the toxic chemical released annually from the reporting facility within a range. If none, the submitter enters zero.<br>A = 1-10<br>B = 1-499<br>C = 500-999<br>*Source:* **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* Part II, Section 5.2.A |
| 67 | TOTAL STACK AIR EMISSIONS | N | System generated total stack air emission in pounds/year. If the field STACK_AIR_EMISSIONS_TOT_ LBS (# 65) is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in the field STACK_AIR_EMISSIONS_TOT_ RANGE (#66) is used for the total emission value.<br>*Source:* **RELEASE_ON_SITE.** TOTAL_RELEASE, or **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* None |
| 68 | STACK OR POINT AIR EMISSIONS - BASIS OF ESTIMATE | C | Provides a code indicating the principal method by which the total release estimate is calculated.<br>M = based on monitoring data<br>C = based on mass balance calculations<br>E = based on published emission factors<br>O = other<br>*Source:* **V_BASIS_OF_ESTIMATE.** BASIS_CODE<br>*Reference:* Part II, Section 5.2.B |
| 69 | TOTAL AIR EMISSIONS | N | System generated by adding the contents of the TOTAL_FUGITIVE_ AIR EMISSIONS (# 63) and TOTAL_STACK_AIR_EMISSIONS (# 67).<br>*Source:* System generated<br>*Reference:* None |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 70 | DISCHARGES TO STREAM A - STREAM NAME | C | Provides the name of the first receiving stream or water body reported as it appears on the NPDES permit for the facility.<br>*Source:* **WATER.**WATER_BODY_NAME<br>*Reference:* Part II, Section 5.3.1 |
| 71 | DISCHARGES TO STREAM A - RELEASE POUNDS | N | Provides an estimation of the total amount of toxic chemical (in pounds/year) released into the stream or water body from the reporting facility. Range codes are used for releases of less than 1000 pounds.<br>*Source:* **RELEASE_ON_SITE.** TOTAL_RELEASE<br>*Reference:* Part II, Section 5.3.1.A |
| 72 | DISCHARGES TO STREAM A - RELEASE RANGE CODE | C | For releases less than 1,000 lbs, this field provides the code used to indicate the amount of the toxic chemical released annually from the reporting facility within a range. If none, the submitter enters zero.<br>A = 1-10<br>B = 1-499<br>C = 500-999<br>*Source:* **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* Part II, Section 5.3.1.A |
| 73 | TOTAL DISCHARGES TO STREAM A | N | System generated total release to the first reported stream or water body in pounds/year. If the field STREAM_RELEASE_LBS_A (# 71) is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in the field STREAM_RELEASE_RANGE_LBS_ A (# 72) is used for the total emission value.<br>*Source:* **RELEASE_ON_SITE.** TOTAL_RELEASE, or **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* None |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 74 | DISCHARGES TO STREAM A - BASIS OF ESTIMATE | C | Provides a code indicating the principal method by which the total release estimate is calculated.<br>M = based on monitoring data<br>C = based on mass balance calculations<br>E = based on published emission factors<br>O = other<br>*Source:* **V_BASIS_OF_ESTIMATE.** BASIS_CODE<br>*Reference:* Part II, Section 5.3.1.B |
| 75 | DISCHARGES TO STREAM A - % FROM STORMWATER | N | This field provides the percentage of the total quantity (by weight) of the chemical released to water that is contributed by storm water runoff. The value is 0 through 100.<br>*Source:* **WATER.**WATER_STORM<br>*Reference:* Part II, Section 5.3.1.C |
| 76 | DISCHARGES TO STREAM B - STREAM NAME | C | Provides the name of the second receiving stream or water body reported as it appears on the NPDES permit for the facility.<br>*Source:* **WATER.**WATER_BODY_NAME<br>*Reference:* Part II, Section 5.3.2 |
| 77 | DISCHARGES TO STREAM B - RELEASE POUNDS | N | Provides an estimation of the total amount of toxic chemical (in pounds/year) released into the stream or water body from the reporting facility. Range codes are used for releases of less than 1000 pounds.<br>*Source:* **RELEASE_ON_SITE.** TOTAL_RELEASE<br>*Reference:* Part II, Section 5.3.2.A |
| 78 | DISCHARGES TO STREAM B - RELEASE RANGE CODE | C | For releases less than 1,000 lbs, this field provides the code used to indicate the amount of the toxic chemical released annually from the reporting facility within a range. If none, the submitter enters zero.<br>A = 1-10<br>B = 1-499<br>C = 500-999<br>*Source:* **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* Part II, Section 5.3.2.A |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 79 | TOTAL DISCHARGES TO STREAM B | N | System generated total release to the second reported stream or water body in pounds/year. If the field STREAM_RELEASE_LBS_B (# 77) is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in the field STREAM_RELEASE_RANGE_LBS_ B (# 78) is used for the total emission value.<br>*Source:* **RELEASE_ON_SITE.** TOTAL_RELEASE, or **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* None |
| 80 | DISCHARGES TO STREAM B - BASIS OF ESTIMATE | C | Provides a code indicating the principal method by which the total release estimate is calculated.<br>M = based on monitoring data<br>C = based on mass balance calculations<br>E = based on published emission factors<br>O = other<br>*Source:* **V_BASIS_OF_ESTIMATE.** BASIS_CODE<br>*Reference:* Part II, Section 5.3.2.B |
| 81 | DISCHARGES TO STREAM B - % FROM STORMWATER | N | This field provides the percentage of the total quantity (by weight) of the chemical released to water that is contributed by storm water runoff. The value is 0 through 100.<br>*Source:* **WATER.**WATER_STORM<br>*Reference:* Part II, Section 5.3.2.C |
| 82 | DISCHARGES TO STREAM C - STREAM NAME | C | Provides the name of the third receiving stream or water body reported as it appears on the NPDES permit for the facility.<br>*Source:* **WATER.**WATER_BODY_NAME<br>*Reference:* Part II, Section 5.3.3 |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 83 | DISCHARGES TO STREAM C - RELEASE POUNDS | N | Provides an estimation of the total amount of toxic chemical (in pounds/year) released into the stream or water body from the reporting facility. Range codes are used for releases of less than 1000 pounds.<br>*Source:* **RELEASE_ON_SITE.** TOTAL_RELEASE<br>*Reference:* Part II, Section 5.3.3.A |
| 84 | DISCHARGES TO STREAM C - RELEASE RANGE CODE | C | For releases less than 1,000 lbs, this field provides the code used to indicate the amount of the toxic chemical released annually from the reporting facility within a range. If none, the submitter enters zero.<br>A = 1-10<br>B = 1-499<br>C = 500-999<br>*Source:* **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* Part II, Section 5.3.3.A |
| 85 | TOTAL DISCHARGES TO STREAM C | N | System generated total release to the third reported stream or water body in pounds/ year. If the field STREAM_RELEASE_ LBS_C (# 83) is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in the field STREAM_RELEASE_ RANGE_LBS_ C (# 84) is used for the total emission value.<br>*Source:* **RELEASE_ON_SITE.** TOTAL_RELEASE, or **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* None |
| 86 | DISCHARGES TO STREAM C - BASIS OF ESTIMATE | C | Provides a code indicating the principal method by which the total release estimate is calculated.<br>M = based on monitoring data<br>C = based on mass balance calculations<br>E = based on published emission factors<br>O = other<br>*Source:* **V_BASIS_OF_ESTIMATE.** BASIS_CODE<br>*Reference:* Part II, Section 5.3.3.B |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 87 | DISCHARGES TO STREAM C - % FROM STORMWATER | N | This field provides the percentage of the total quantity (by weight) of the chemical released to water that is contributed by storm water runoff. The value is 0 through 100.<br>*Source:* **WATER.**WATER_STORM<br>*Reference:* Part II, Section 5.3.3.C |
| 88 | DISCHARGES TO STREAM D - STREAM NAME | C | Provides the name of the fourth receiving stream or water body reported as it appears on the NPDES permit for the facility.<br>*Source:* **WATER.**WATER_BODY_NAME<br>*Reference:* Part II, Section 5.3 (continued) |
| 89 | DISCHARGES TO STREAM D - RELEASE POUNDS | N | Provides an estimation of the total amount of toxic chemical (in pounds/year) released into the stream or water body from the reporting facility. Range codes are used for releases of less than 1000 pounds.<br>*Source:* **RELEASE_ON_SITE.** TOTAL_RELEASE<br>*Reference:* Part II, Section 5.3 (continued) |
| 90 | DISCHARGES TO STREAM D - RELEASE RANGE CODE | C | For releases less than 1,000 lbs, this field provides the code used to indicate the amount of the toxic chemical released annually from the reporting facility within a range. If none, the submitter enters zero.<br>A = 1-10<br>B = 1-499<br>C = 500-999<br>*Source:* **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* Part II, Section 5.3 (continued) |
| 91 | TOTAL DISCHARGES TO STREAM D | N | System generated total release to the fourth reported stream or water body in pounds/year. If the field STREAM_ RELEASE_LBS_D (# 89) is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in the field STREAM_RELEASE_ RANGE_LBS_ D (# 90) is used for the total emission value.<br>*Source:* **RELEASE_ON_SITE.** TOTAL_RELEASE, or **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* None |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 92 | DISCHARGES TO STREAM D - BASIS OF ESTIMATE | C | Provides a code indicating the principal method by which the total release estimate is calculated.<br>M = based on monitoring data<br>C = based on mass balance calculations<br>E = based on published emission factors<br>O = other<br>*Source:* **V_BASIS_OF_ESTIMATE.** BASIS_CODE<br>*Reference:* Part II, Section 5.3 (continued) |
| 93 | DISCHARGES TO STREAM D - % FROM STORMWATER | N | This field provides the percentage of the total quantity (by weight) of the chemical released to water that is contributed by storm water runoff. The value is 0 through 100.<br>*Source:* **WATER.**WATER_STORM<br>*Reference:* Part II, Section 5.3 (continued) |
| 94 | DISCHARGES TO STREAM E - STREAM NAME | C | Provides the name of the fifth receiving stream or water body reported as it appears on the NPDES permit for the facility.<br>*Source:* **WATER.**WATER_BODY_NAME<br>*Reference:* Part II, Section 5.3 (continued) |
| 95 | DISCHARGES TO STREAM E - RELEASE POUNDS | N | Provides an estimation of the total amount of toxic chemical (in pounds/year) released into the stream or water body from the reporting facility. Range codes are used for releases of less than 1000 pounds.<br>*Source:* **RELEASE_ON_SITE.** TOTAL_RELEASE<br>*Reference:* Part II, Section 5.3 (continued) |
| 96 | DISCHARGES TO STREAM E - RELEASE RANGE CODE | C | For releases less than 1,000 lbs, this field provides the code used to indicate the amount of the toxic chemical released annually from the reporting facility within a range. If none, the submitter enters zero.<br>A = 1-10<br>B = 1-499<br>C = 500-999<br>*Source:* **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* Part II, Section 5.3 (continued) |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 97 | TOTAL DISCHARGES TO STREAM E | N | System generated total release to the fifth reported stream or water body in pounds/year. If the field STREAM_ RELEASE_LBS_E (# 95) is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in the field STREAM_RELEASE_ RANGE_LBS_ E (# 96) is used for the total emission value.<br>*Source:* **RELEASE_ON_SITE.** TOTAL_RELEASE, or **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* None |
| 98 | DISCHARGES TO STREAM E - BASIS OF ESTIMATE | C | Provides a code indicating the principal method by which the total release estimate is calculated.<br>M = based on monitoring data<br>C = based on mass balance calculations<br>E = based on published emission factors<br>O = other<br>*Source:* **V_BASIS_OF_ESTIMATE.** BASIS_CODE<br>*Reference:* Part II, Section 5.3 (continued) |
| 99 | DISCHARGES TO STREAM E - % FROM STORMWATER | N | This field provides the percentage of the total quantity (by weight) of the chemical released to water that is contributed by storm water runoff. The value is 0 through 100.<br>*Source:* **WATER.**WATER_STORM<br>*Reference:* Part II, Section 5.3 (continued) |
| 100 | DISCHARGES TO STREAM F - STREAM NAME | C | Provides the name of the sixth receiving stream or water body reported as it appears on the NPDES permit for the facility.<br>*Source:* **WATER.**WATER_BODY_NAME<br>*Reference:* Part II, Section 5.3 (continued) |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 101 | DISCHARGES TO STREAM F - RELEASE POUNDS | N | Provides an estimation of the total amount of toxic chemical (in pounds/year) released into the stream or water body from the reporting facility. Range codes are used for releases of less than 1000 pounds.<br>*Source:* **RELEASE_ON_SITE.** TOTAL_RELEASE<br>*Reference:* Part II, Section 5.3 (continued) |
| 102 | DISCHARGES TO STREAM F - RELEASE RANGE CODE | C | For releases less than 1,000 lbs, this field provides the code used to indicate the amount of the toxic chemical released annually from the reporting facility within a range. If none, the submitter enters zero.<br>A = 1-10<br>B = 1-499<br>C = 500-999<br>*Source:* **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* Part II, Section 5.3 (continued) |
| 103 | TOTAL DISCHARGES TO STREAM F | N | System generated total release to the sixth reported stream or water body in pounds/year. If the field STREAM_ RELEASE_LBS_E (# 101) is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in the field STREAM_RELEASE_ RANGE_LBS_ E (# 102 is used for the total emission value.<br>*Source:* **RELEASE_ON_SITE.** TOTAL_RELEASE, or **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* None |
| 104 | DISCHARGES TO STREAM F - BASIS OF ESTIMATE | C | Provides a code indicating the principal method by which the total release estimate is calculated.<br>M = based on monitoring data<br>C = based on mass balance calculations<br>E = based on published emission factors<br>O = other<br>*Source:* **V_BASIS_OF_ESTIMATE.** BASIS_CODE<br>*Reference:* Part II, Section 5.3 (continued) |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 105 | DISCHARGES TO STREAM F - % FROM STORMWATER | N | This field provides the percentage of the total quantity (by weight) of the chemical released to water that is contributed by storm water runoff. The value is 0 through 100.<br>*Source:* **WATER.**WATER_STORM<br>*Reference:* Part II, Section 5.3 (continued) |
| 106 | TOTAL NUMBER OF RECEIVING STREAMS | N | The total number of streams reported by the facility as receiving toxic chemical releases.<br>*Source:* System generated<br>*Reference:* None |
| 107 | TOTAL SURFACE WATER DISCHARGE | N | Total of all individual total stream release fields (73+79+85+91+97+103).<br>*Source:* System generated<br>*Reference:* None |
| 108 | UGRND INJ ONSITE TO CL I WELLS - RELEASE POUNDS | N | Provides an estimation of the total amount of toxic chemical (in pounds/year) injected onsite to Class I wells by the reporting facility. Range codes are used for releases of less than 1000 pounds.<br>*Source:* **RELEASE_ON_SITE.** TOTAL_RELEASE<br>*Reference:* Part II, Section 5.4.1A |
| 109 | UGRND INJ ONSITE TO CL I WELLS - RELEASE RANGE CODE | C | For releases less than 1,000 lbs, this field provides the code used to indicate the amount of the toxic chemical released annually from the reporting facility within a range. If none, the submitter enters zero.<br>A = 1-10<br>B = 1-499<br>C = 500-999<br>*Source:* **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* Part II, Section 5.4.1A |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 110 | TOTAL UGRND INJ ONSITE TO CL I WELLS - POUNDS | N | System generated total Class I well injection in pounds/year. If the field UI_CLASS1_WELL_RELEASE_LBS (# 108) is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in the field UI_CLASS1_WELL_RELEASE_CODE (#109) is used for the total emission value.<br>*Source:* **RELEASE_ON_SITE.** TOTAL_RELEASE, or **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* None |
| 111 | UGRND INJ ONSITE TO CL I WELLS - BASIS OF ESTIMATE | C | Provides a code indicating the principal method by which the total release estimate is calculated.<br>M = based on monitoring data<br>C = based on mass balance calculations<br>E = based on published emission factors<br>O = other<br>*Source:* **V_BASIS_OF_ESTIMATE.** BASIS_CODE<br>*Reference:* Part II, Section 5.4.1B |
| 112 | UGRND INJ ONSITE TO CL II-V WELLS - RELEASE POUNDS | N | Provides an estimation of the total amount of toxic chemical (in pounds/year) injected onsite to Class II wells by the reporting facility. Range codes are used for releases of less than 1000 pounds.<br>*Source:* **RELEASE_ON_SITE.** TOTAL_RELEASE<br>*Reference:* Part II, Section 5.4.2.A |
| 113 | UGRND INJ ONSITE TO CL II-V WELLS - RELEASE RANGE CODE | C | For releases less than 1,000 lbs, this field provides the code used to indicate the amount of the toxic chemical released annually from the reporting facility within a range. If none, the submitter enters zero.<br>A = 1-10<br>B = 1-499<br>C = 500-999<br>*Source:* **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* Part II, Section 5.4.2A |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 114 | TOTAL UGRND INJ ONSITE TO CL II-V WELLS - POUNDS | N | System generated total Class I well injection in pounds/year. If the field UI_CLASS2_WELL_RELEASE_LBS (# 112) is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in the field UI_CLASS2_WELL_RELEASE_CODE (#113) is used for the total emission value. *Source:* **RELEASE_ON_SITE.** TOTAL_RELEASE, or **V_POUND_RANGE.** POUND_RANGE_CODE *Reference:* None |
| 115 | UNGRND INJ ONSITE TO CL II-V WELLS - BASIS OF ESTIMATE | C | Provides a code indicating the principal method by which the total release estimate is calculated.<br>M = based on monitoring data<br>C = based on mass balance calculations<br>E = based on published emission factors<br>O = other<br>*Source:* **V_BASIS_OF_ESTIMATE.** BASIS_CODE *Reference:* Part II, Section 5.4.2B |
| 116 | TOTAL UNDERGROUND INJECTION | N | Total, in pounds, of both Class I and II well injections for the facility (110 + 114). *Source:* System generated *Reference:* None |
| 117 | RCRA SUBTITLE C LANDFILLS - RELEASE POUNDS | N | Provides an estimation of the total amount of toxic chemical (in pounds/year) released to RCRA Subtitle C landfills by the reporting facility. Range codes are used for releases of less than 1000 pounds. *Source:* **RELEASE_ON_SITE.** TOTAL_RELEASE *Reference:* Part II, Section 5.5.1.AA |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 118 | RCRA SUBTITLE C LANDFILLS - RELEASE RANGE CODE | C | For releases less than 1,000 lbs, this field provides the code used to indicate the amount of the toxic chemical released annually from the reporting facility within a range. If none, the submitter enters zero.<br>A = 1-10<br>B = 1-499<br>C = 500-999<br>*Source:* **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* Part II, Section 5.5.1.AA |
| 119 | TOTAL RCRA SUBTITLE C LANDFILLS | N | System generated total RCRA Subtitle C landfill release in pounds/year. If the field RCRA_C_LANDFILL_LBS (# 117) is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in the field RCRA_C_LANDFILL_CODE (#118) is used for the total emission value.<br>*Source:* **RELEASE_ON_SITE.** TOTAL_RELEASE, or **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* None |
| 120 | RCRA SUBTITLE C LANDFILLS - BASIS OF ESTIMATE | C | Provides a code indicating the principal method by which the total release estimate is calculated.<br>M = based on monitoring data<br>C = based on mass balance calculations<br>E = based on published emission factors<br>O = other<br>*Source:* **V_BASIS_OF_ESTIMATE.** BASIS_CODE<br>*Reference:* Part II, Section 5.5.1.AB |
| 121 | OTHER LANDFILLS - RELEASE POUNDS | N | Provides an estimation of the total amount of toxic chemical (in pounds/year) released to non-RCRA Subtitle C landfills by the reporting facility. Range codes are used for releases of less than 1000 pounds.<br>*Source:* **RELEASE_ON_SITE.** TOTAL_RELEASE<br>*Reference:* Part II, Section 5.5.1.BA |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 122 | OTHER LANDFILLS - RELEASE RANGE CODE | C | For releases less than 1,000 lbs, this field provides the code used to indicate the amount of the toxic chemical released annually from the reporting facility within a range. If none, the submitter enters zero.<br>A = 1-10<br>B = 1-499<br>C = 500-999<br>*Source:* **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* Part II, Section 5.5.1.BA |
| 123 | TOTAL OTHER ON-SITE LAND RELEASES | N | System generated total non-RCRA Subtitle C landfill release in pounds/year. If the field OTHER_LANDFILL_LBS (# 121) is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in the field OTHER_LANDFILL_CODE (#122) is used for the total emission value.<br>*Source:* **RELEASE_ON_SITE.** TOTAL_RELEASE, or **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* None |
| 124 | OTHER LANDFILLS - BASIS OF ESTIMATE | C | Provides a code indicating the principal method by which the total release estimate is calculated.<br>M = based on monitoring data<br>C = based on mass balance calculations<br>E = based on published emission factors<br>O = other<br>*Source:* **V_BASIS_OF_ESTIMATE.** BASIS_CODE<br>*Reference:* Part II, Section 5.5.1.BB |
| 125 | LAND TRTMT/APPL FARMING - RELEASE POUNDS | N | Provides an estimation of the total amount of toxic chemical (in pounds/year) released in land treatment/application farming by the reporting facility. Range codes are used for releases of less than 1000 pounds.<br>*Source:* **RELEASE_ON_SITE.** TOTAL_RELEASE<br>*Reference:* Part II, Section 5.5.2.AA |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 126 | LAND TRTMT/APPL FARMING - RELEASE RANGE CODE | C | For releases less than 1,000 lbs, this field provides the code used to indicate the amount of the toxic chemical released annually from the reporting facility within a range. If none, the submitter enters zero.<br>A = 1-10<br>B = 1-499<br>C = 500-999<br>*Source:* **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* Part II, Section 5.5.2.AA |
| 127 | TOTAL LAND TREATMENT | N | System generated total land treatment/application farming release in pounds/year. If the field LAND_TREAT_ APP_FARM_LBS (# 125) is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in the field LAND_TREAT_APP_ FARM_CODE (#126) is used for the total emission value.<br>*Source:* **RELEASE_ON_SITE.** TOTAL_RELEASE, or **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* None |
| 128 | LAND TRTMT/APPL FARMING - BASIS OF ESTIMATE | C | Provides a code indicating the principal method by which the total release estimate is calculated.<br>M = based on monitoring data<br>C = based on mass balance calculations<br>E = based on published emission factors<br>O = other<br>*Source:* **V_BASIS_OF_ESTIMATE.** BASIS_CODE<br>*Reference:* Part II, Section 5.5.2.BB |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 129 | SURFACE IMPOUNDMENT - RELEASE POUNDS | N | Provides an estimation of the total amount of toxic chemical (in pounds/year) released in surface impoundments by the reporting facility. Range codes are used for releases of less than 1000 pounds.<br>*Source:* **RELEASE_ON_SITE.** TOTAL_RELEASE<br>*Reference:* Part II, Section 5.5.3.AA |
| 130 | SURFACE IMPOUNDMENT - RANGE CODE | C | For releases less than 1,000 lbs, this field provides the code used to indicate the amount of the toxic chemical released annually from the reporting facility within a range. If none, the submitter enters zero.<br>A = 1-10<br>B = 1-499<br>C = 500-999<br>*Source:* **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* Part II, Section 5.5.3.AA |
| 131 | TOTAL SURFACE IMPOUNDMENTS | N | System generated total surface impoundment release in pounds/year. If the field SURF_IMPOUND_LBS (# 129) is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in the field SURF_IMPOUND_CODE (#130) is used for the total emission value.<br>*Source:* **RELEASE_ON_SITE.** TOTAL_RELEASE, or **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* None |
| 132 | SURFACE IMPOUNDMENT - BASIS OF ESTIMATE | C | Provides a code indicating the principal method by which the total release estimate is calculated.<br>M = based on monitoring data<br>C = based on mass balance calculations<br>E = based on published emission factors<br>O = other<br>*Source:* **V_BASIS_OF_ESTIMATE.** BASIS_CODE<br>*Reference:* Part II, Section 5.5.3.BB |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 133 | OTHER DISPOSAL - RELEASE POUNDS | N | Provides an estimation of the total amount of toxic chemical (in pounds/year) released by other disposal means by the reporting facility. Range codes are used for releases of less than 1000 pounds.<br>*Source:* **RELEASE_ON_SITE.** TOTAL_RELEASE<br>*Reference:* Part II, Section 5.5.4.AA |
| 134 | OTHER DISPOSAL - RANGE CODE | C | For releases less than 1,000 lbs, this field provides the code used to indicate the amount of the toxic chemical released annually from the reporting facility within a range. If none, the submitter enters zero.<br>A = 1-10<br>B = 1-499<br>C = 500-999<br>*Source:* **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* Part II, Section 5.5.4.AA |
| 135 | TOTAL OTHER DISPOSAL | N | System generated total other disposal release in pounds/year. If the field OTHER DISPOSAL - RELEASE POUNDS (# 133) is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in the field OTHER DISPOSAL - RANGE CODE (#134) is used for the total emission value.<br>*Source:* **RELEASE_ON_SITE.** TOTAL_RELEASE, or **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* None |
| 136 | OTHER DISPOSAL -BASIS OF ESTIMATE | C | Provides a code indicating the principal method by which the total release estimate is calculated.<br>M = based on monitoring data<br>C = based on mass balance calculations<br>E = based on published emission factors<br>O = other<br>*Source:* **V_BASIS_OF_ESTIMATE.** BASIS_CODE<br>*Reference:* Part II, Section 5.5.4.BB |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 137 | TOTAL ON-SITE LAND RELEASES | N | Total, in pounds, of toxic chemical entering onsite environmental medium (119 + 123 + 127 + 131 + 135).<br>*Source:* System generated<br>*Reference:* None |
| 138 | POTWS - TOTAL TRANSFERS - METALS ONLY | N | Total amount of reported metals, in pounds, transferred offsite to publicly owned treatment works.<br>*Source:*<br>**OFF_SITE_AMOUNT.**OFF_SITE_TOTAL+<br>**V_POUND_RANGE.**POUND_RANGE_CODE<br>*Reference:* Part II, Section 6.1.A.1 |
| 139 | POTWS - BASIS OF ESTIMATE | C | Provides a code indicating the principal method by which the total release estimate is calculated.<br>M = based on monitoring data<br>C = based on mass balance calculations<br>E = based on published emission factors<br>O = other<br>*Source:* **V_BASIS_OF_ESTIMATE.** BASIS_CODE<br>*Reference:* Part II, Section 6.1.A.2 |
| 140 | STORAGE ONLY | N | Total amount, in pounds, reported as "storage only" M Code (M10).<br>*Source:*<br>**OFF_SITE_AMOUNT.**OFF_SITE_TOTAL+<br>**V_POUND_RANGE.**POUND_RANGE_CODE<br>*Reference:* Part II, Section 6.2A |
| 141 | SOLIDIFICATION/STABILIZATION ( METALS AND METAL COMPOUNDS) | N | Total amount, in pounds, of metals and metal compounds reported as "solidification/stabilization" M Code (M41).<br>*Source:*<br>**OFF_SITE_AMOUNT.**OFF_SITE_TOTAL+<br>**V_POUND_RANGE.**POUND_RANGE_CODE<br>*Reference:* Part II, Section 6.2A |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 142 | WASTEWATER TREATMENT (EXCLUDING POTWS) | N | Total amount, in pounds, reported as "wastewater treatment" M Code (M62).<br>*Source:*<br>**OFF_SITE_AMOUNT.**OFF_SITE_TOTAL+<br>**V_POUND_RANGE.**POUND_RANGE_CODE<br>*Reference:* Part II, Section 6.2A |
| 143 | TRANSFERS TO POTWS (METALS AND METAL COMPOUNDS) | N | Total amount of reported metals and metal compounds, in pounds, transferred offsite to publicly owned treatment works.<br>*Source:*<br>**OFF_SITE_AMOUNT.**OFF_SITE_TOTAL+<br>**V_POUND_RANGE.**POUND_RANGE_CODE<br>*Reference:* Part II, Section 6.1.A.1 |
| 144 | UNDERGROUND INJECTION | N | Total amount, in pounds, reported as "underground injection" M Code (M71).<br>*Source:*<br>**OFF_SITE_AMOUNT.**OFF_SITE_TOTAL+<br>**V_POUND_RANGE.**POUND_RANGE_CODE<br>*Reference:* Part II, Section 6.2A |
| 145 | LANDFILLS/DISPOSAL SURFACE IMPOUNDMENTS | N | Total amount, in pounds, reported as "landfills/disposal surface impoundments" M Code (M72).<br>*Source:*<br>**OFF_SITE_AMOUNT.**OFF_SITE_TOTAL+<br>**V_POUND_RANGE.**POUND_RANGE_CODE<br>*Reference:* Part II, Section 6.2A |
| 146 | LAND TREATMENT | N | Total amount, in pounds, reported as "land treatment" M Code (M73).<br>*Source:*<br>**OFF_SITE_AMOUNT.**OFF_SITE_TOTAL+<br>**V_POUND_RANGE.**POUND_RANGE_CODE<br>*Reference:* Part II, Section 6.2A |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 147 | OTHER LAND DISPOSAL | N | Total amount, in pounds, reported as "other land disposal" M Code (M79).<br>*Source:*<br>**OFF_SITE_AMOUNT.**OFF_SITE_TOTAL+<br>**V_POUND_RANGE.**POUND_RANGE_CODE<br>*Reference:* Part II, Section 6.2A |
| 148 | OTHER OFF-SITE MANAGEMENT | N | Total amount, in pounds, reported as "other off-site management" M Code (M90).<br>*Source:*<br>**OFF_SITE_AMOUNT.**OFF_SITE_TOTAL+<br>**V_POUND_RANGE.**POUND_RANGE_CODE<br>*Reference:* Part II, Section 6.2A |
| 149 | TRANSFERS TO WASTE BROKER FOR DISPOSAL | N | Total amount, in pounds, reported as "transfer to waster broker for disposal" M code (M94).<br>*Source:*<br>**OFF_SITE_AMOUNT.**OFF_SITE_TOTAL+<br>**V_POUND_RANGE.**POUND_RANGE_CODE<br>*Reference:* Part II, Section 6.2A |
| 150 | UNKNOWN | N | Total amount, in pounds, reported as "unknown" M code (M99).<br>*Source:*<br>**OFF_SITE_AMOUNT.**OFF_SITE_TOTAL+<br>**V_POUND_RANGE.**POUND_RANGE_CODE<br>*Reference:* Part II, Section 6.2A |
| 151 | TOTAL TRANSFERRED OFF-SITE TO DISPOSAL | N | Total amount, in pounds, of toxic chemical in wastes reported as being transferred to off-site locations. Sum of all reported transfers regardless of reported M code.<br>*Source:* Sum of all<br>**OFF_SITE_AMOUNT.**OFF_SITE_<br>TOTAL+<br>**V_POUND_RANGE.**POUND_RANGE_CODE<br>*Reference:* Part II, Section 6.2 |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 152 | TRANSFERS TO RECYCLING (M20 ONLY) | N | Total amount, in pounds, reported as transferred to recycling with a Type of Recycling code of M20.<br>*Source:*<br>**OFF_SITE_AMOUNT.**OFF_SITE_TOTAL+<br>**V_POUND_RANGE.**POUND_RANGE_CODE<br>*Reference:* Part II , Section 6.2A |
| 153 | TRANSFERS TO RECYCLING (M24 ONLY) | N | Total amount, in pounds, reported as transferred to recycling with a Type of Recycling code of M24.<br>*Source:*<br>**OFF_SITE_AMOUNT.**OFF_SITE_TOTAL+<br>**V_POUND_RANGE.**POUND_RANGE_CODE<br>*Reference:* Part II , Section 6.2A |
| 154 | TRANSFERS TO RECYCLING (M26 ONLY) | N | Total amount, in pounds, reported as transferred to recycling with a Type of Recycling code of M26.<br>*Source:*<br>**OFF_SITE_AMOUNT.**OFF_SITE_TOTAL+<br>**V_POUND_RANGE.**POUND_RANGE_CODE<br>*Reference:* Part II , Section 6.2A |
| 155 | TRANSFERS TO RECYCLING (M28 ONLY) | N | Total amount, in pounds, reported as transferred to recycling with a Type of Recycling code of M28.<br>*Source:*<br>**OFF_SITE_AMOUNT.**OFF_SITE_TOTAL+<br>**V_POUND_RANGE.**POUND_RANGE_CODE<br>*Reference:* Part II , Section 6.2A |
| 156 | TRANSFERS TO RECYCLING (M93 ONLY) | N | Total amount, in pounds, reported as transferred to recycling with a Type of Recycling code of M93.<br>*Source:*<br>**OFF_SITE_AMOUNT.**OFF_SITE_TOTAL+<br>**V_POUND_RANGE.**POUND_RANGE_CODE<br>*Reference:* Part II , Section 6.2A |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 157 | TRANSFERS TO ENERGY RECOVERY (M56 ONLY) | N | Total amount, in pounds, reported as transferred to energy recovery with a Type of Recycling code of M56.<br>*Source:*<br>**OFF_SITE_AMOUNT.**OFF_SITE_TOTAL+<br>**V_POUND_RANGE.**POUND_RANGE_CODE<br>*Reference:* Part II , Section 6.2A |
| 158 | TRANSFERS TO ENERGY RECOVERY (M92 ONLY) | N | Total amount, in pounds, reported as transferred to energy recovery with a Type of Recycling code of M92.<br>*Source:*<br>**OFF_SITE_AMOUNT.**OFF_SITE_TOTAL+<br>**V_POUND_RANGE.**POUND_RANGE_CODE<br>*Reference:* Part II , Section 6.2A |
| 159 | TRANSFERS TO TREATMENT (M40 ONLY) | N | Total amount, in pounds, reported as transferred to treatment with a Type of Recycling code of M40.<br>*Source:*<br>**OFF_SITE_AMOUNT.**OFF_SITE_TOTAL+<br>**V_POUND_RANGE.**POUND_RANGE_CODE<br>*Reference:* Part II , Section 6.2A |
| 160 | TRANSFERS TO TREATMENT (M50 ONLY) | N | Total amount, in pounds, reported as transferred to treatment with a Type of Recycling code of M50.<br>*Source:*<br>**OFF_SITE_AMOUNT.**OFF_SITE_TOTAL+<br>**V_POUND_RANGE.**POUND_RANGE_CODE<br>*Reference:* Part II , Section 6.2A |
| 161 | TRANSFERS TO TREATMENT (M54 ONLY) | N | Total amount, in pounds, reported as transferred to treatment with a Type of Recycling code of M54.<br>*Source:*<br>**OFF_SITE_AMOUNT.**OFF_SITE_TOTAL+<br>**V_POUND_RANGE.**POUND_RANGE_CODE<br>*Reference:* Part II , Section 6.2A |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 162 | TRANSFERS TO TREATMENT (M61 ONLY) | N | Total amount, in pounds, reported as transferred to treatment with a Type of Recycling code of M61.<br>*Source:*<br>**OFF_SITE_AMOUNT.**OFF_SITE_TOTAL+<br>**V_POUND_RANGE.**POUND_RANGE_CODE<br>*Reference:* Part II , Section 6.2A |
| 163 | TRANSFERS TO TREATMENT (M69 ONLY) | N | Total amount, in pounds, reported as transferred to treatment with a Type of Recycling code of M69.<br>*Source:*<br>**OFF_SITE_AMOUNT.**OFF_SITE_TOTAL+<br>**V_POUND_RANGE.**POUND_RANGE_CODE<br>*Reference:* Part II , Section 6.2A |
| 164 | TRANSFERS TO TREATMENT (M95 ONLY) | N | Total amount, in pounds, reported as transferred to treatment with a Type of Recycling code of M95.<br>*Source:*<br>**OFF_SITE_AMOUNT.**OFF_SITE_TOTAL+<br>**V_POUND_RANGE.**POUND_RANGE_CODE<br>*Reference:* Part II , Section 6.2A |
| 165 | TRANSFERS TO POTWS (NON-METALS) | N | Total amount of reported non-metals, in pounds, transferred offsite to publicly owned treatment works.<br>*Source:*<br>**OFF_SITE_AMOUNT.**OFF_SITE_TOTAL+<br>**V_POUND_RANGE.**POUND_RANGE_CODE<br>*Reference:* Part II , Section 6.2A |
| 166 | TOTAL TRANSFERRED OFF-SITE FOR FURTHER WASTE MANAGEMENT | N | Total amount, in pounds, of toxic chemical in wastes reported as being transferred to off-site for further waste management.<br>*Source:* System generated (152 + 153 + 154 + 155 + 156 + 157 + 157 + 158 + 159 + 160 + 161 + 162 + 163 + 164 + 165)<br>*Reference:* None |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 167 | ENERGY RECOVERY ONSITE CURRENT YEAR | N | Amount reported in pounds of total quantity of toxic chemical used onsite for energy recovery during reporting year.<br>*Source:* **SOURCE_REDUCTION.** CURRENT_YEAR<br>*Reference:* Part II Section 8.2.B |
| 168 | QUANTITY RECYCLED ONSITE CURRENT YEAR | N | Amount reported in pounds of total quantity of toxic chemical recycled onsite during reporting year.<br>*Source:* **SOURCE_REDUCTION.** CURRENT_YEAR<br>*Reference:* Part II Section 8.4.B |
| 169 | QUANTITY TREATED ONSITE CURRENT YEAR | N | Amount reported in pounds of total quantity of toxic chemical treated onsite during the reporting year.<br>*Source:* **SOURCE_REDUCTION.** CURRENT_YEAR<br>*Reference:* Part II Section 8.6.B |
| 170 | OTHER ON-SITE WASTE MANAGEMENT | N | Total amount, in pounds, of toxic chemical reported as being reduced and recycled on-site.<br>*Source:* System generated (167 + 168 + 169)<br>*Reference:* None |
| 171 | ON-SITE ENERGY RECOVERY METHOD 1 | C | Provides the first code identifying an on-site energy recovery methods used for the reported chemical at the facility. Codes are given for only those chemicals that have a significant heating value and are combusted in an energy recovery unit such as an industrial furnace.<br>*Source:* **V_ON_SITE_ENERGY.** ON_SITE_ENERGY_CODE<br>*Reference:* Part II, Section 7B.1 |
| 172 | ON-SITE ENERGY RECOVERY METHOD 2 | C | Provides the second code identifying an on-site energy recovery methods used for the reported chemical at the facility. Codes are given for only those chemicals that have a significant heating value and are combusted in an energy recovery unit such as an industrial furnace.<br>*Source:* **V_ON_SITE_ENERGY.** ON_SITE_ENERGY_CODE<br>*Reference:* Part II, Section 7B.2 |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 173 | ON-SITE ENERGY RECOVERY METHOD 3 | C | Provides the third code identifying an on-site energy recovery methods used for the reported chemical at the facility. Codes are given for only those chemicals that have a significant heating value and are combusted in an energy recovery unit such as an industrial furnace. *Source:* **V_ON_SITE_ENERGY.** ON_SITE_ENERGY_CODE *Reference:* Part II, Section 7B.3 |
| 174 | ON-SITE ENERGY RECOVERY METHOD 4 | C | Provides the fourth code identifying an on-site energy recovery methods used for the reported chemical at the facility. Codes are given for only those chemicals that have a significant heating value and are combusted in an energy recovery unit such as an industrial furnace. *Source:* **V_ON_SITE_ENERGY.** ON_SITE_ENERGY_CODE *Reference:* Part II, Section 7B.4 |
| 175 | ON-SITE RECYCLING PROCESSES - METHOD 1 | C | Provides the first code identifying recycling processes used on-site. *Source:* **V_ON_SITE_RECYCLING.** ON_SITE_RECYCLING_CODE *Reference:* Part II, Section 7C.1 |
| 176 | ON-SITE RECYCLING PROCESSES - METHOD 2 | C | Provides the second code identifying recycling processes used on-site. *Source:* **V_ON_SITE_RECYCLING.** ON_SITE_RECYCLING_CODE *Reference:* Part II, Section 7C.2 |
| 177 | ON-SITE RECYCLING PROCESSES - METHOD 3 | C | Provides the third code identifying recycling processes used on-site. *Source:* **V_ON_SITE_RECYCLING.** ON_SITE_RECYCLING_CODE *Reference:* Part II, Section 7C.3 |
| 178 | ON-SITE RECYCLING PROCESSES - METHOD 4 | C | Provides the fourth code identifying recycling processes used on-site. *Source:* **V_ON_SITE_RECYCLING.** ON_SITE_RECYCLING_CODE *Reference:* Part II, Section 7C.4 |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 179 | ON-SITE RECYCLING PROCESSES - METHOD 5 | C | Provides the fifth code identifying recycling processes used on-site.<br>*Source:* **V_ON_SITE_RECYCLING.** ON_SITE_RECYCLING_CODE<br>*Reference:* Part II, Section 7C.5 |
| 180 | ON-SITE RECYCLING PROCESSES - METHOD 6 | C | Provides the sixth code identifying recycling processes used on-site.<br>*Source:* **V_ON_SITE_RECYCLING.** ON_SITE_RECYCLING_CODE<br>*Reference:* Part II, Section 7C.6 |
| 181 | ON-SITE RECYCLING PROCESSES - METHOD 7 | C | Provides the seventh code identifying recycling processes used on-site.<br>*Source:* **V_ON_SITE_RECYCLING.** ON_SITE_RECYCLING_CODE<br>*Reference:* Part II, Section 7C.7 |
| 182 | ON-SITE RECYCLING PROCESSES - METHOD 8 | C | Provides the eighth code identifying recycling processes used on-site.<br>*Source:* **V_ON_SITE_RECYCLING.** ON_SITE_RECYCLING_CODE<br>*Reference:* Part II, Section 7C.8 |
| 183 | ON-SITE RECYCLING PROCESSES - METHOD 9 | C | Provides the ninth code identifying recycling processes used on-site.<br>*Source:* **V_ON_SITE_RECYCLING.** ON_SITE_RECYCLING_CODE<br>*Reference:* Part II, Section 7C.9 |
| 184 | ON-SITE RECYCLING PROCESSES - METHOD 10 | C | Provides the tenth code identifying recycling processes used on-site.<br>*Source:* **V_ON_SITE_RECYCLING.** ON_SITE_RECYCLING_CODE<br>*Reference:* Part II, Section 7C.10 |

## 2.2 Detailed Waste Management and Source Reduction Activities (Type 2)

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 1 | REPORTING YEAR | C | Provides the calendar year in which the reported activities occur.<br>*Source:* **FACILITY_HISTORY**. REPORTING YEAR<br>*Reference:* Part I, Section 1 |
| 2 | TRADE SECRET INDICATOR | C | This field indicates whether the reporting facility claims the identity of the chemical or chemical category as a trade secret.<br>Yes = Checked (Trade Secret)<br>No = Not checked<br>Note: Only Sanitized Trade Secret submissions are stored in the TRI System database.<br>*Source:* **FORMR.**TRADE_SECRET<br>*Reference*: Part I, Section 2.1 |
| 3 | TRIFID | C | Facility identification in the format zzzzznnnnnsssss where usually zzzzz = facility zip code, nnnnn = first five consonants of the name, and sssss = first five non-special characters in the street address.<br>**NOTE:** *The contents of this field is **not** changed to match facility ownership, or zip code changes. Rather, the TRI Facility ID identifies a specific geographical location which is also identified by the latitude and longitude of that location.*<br>*Source:* **FACILITY.**TRIFID<br>*Reference:* Part I, Section 4.1 |
| 4 | FACILITY NAME | C | Name of the reporting facility.<br>*Source:* **FACILITY.**NAME<br>*Reference:* Part I, Section 4.1 |
| 5 | FACILITY STREET | C | Street address of the reporting facility.<br>*Source:* **FACILITY.**STREET<br>*Reference:* Part I, Section 4.1 |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 6 | FACILITY CITY | C | City in which the reporting facility is located.<br>*Source:* **V_CITY.**ZC_CITY<br>*Reference:* Part I, Section 4.1 |
| 7 | FACILITY COUNTY | C | County in which the reporting facility is located.<br>*Source:* **V_COUNTY.**ZC_COUNTY<br>*Reference:* Part I, Section 4.1 |
| 8 | FACILITY STATE | C | Two-letter state code of the reporting facility.<br>*Source:* **V_STATE.**ZC_STATE<br>*Reference:* Part I, Section 4.1 |
| 9 | FACILITY ZIP CODE | C | Five-digit zip plus the four digit extended zip code of the reporting facility.<br>*Source:* **V_ZIPCODE.** ZC_ZIPCODE<br>*Reference:* Part I, Section 4.1 |
| 10 | ENTIRE FACILITY IND | C | Indicates whether the information covers an entire facility or part of a facility.<br>Yes = entire<br>No = partial<br>*Source:* **FACILITY.** ASGN_PARTIAL<br>*Reference:* Part I, Section 4.2a |
| 11 | PARTIAL FACILITY IND | C | Indicates whether the information covers an entire facility or part of a facility.<br>Yes = partial<br>No = entire<br>*Source:* **FACILITY.** ASGN_PARTIAL<br>*Reference:* Part I, Section 4.2b |
| 12 | FEDERAL FACILITY IND | C | Code indicating whether a facility is Federal or not.<br>Yes = Federal<br>No = non-Federal or GOCO<br>*Source:* **FACILITY.**ASGN_FEDERAL<br>*Form R:* Part I Section 4.2c |
| 13 | PRIMARY SIC CODE | C | Primary four-digit Standard Industrial Classification (SIC) Code.<br>*Source:* **SIC.**V_SIC_ID<br>*Reference:* Part I, Section 4.5a |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 14 | SIC CODE 2 | C | Second four-digit Standard Industrial Classification (SIC) Code entered by facility.<br>*Source:* **SIC.**V_SIC_ID<br>*Reference:* Part I, Section 4.5b |
| 15 | SIC CODE 3 | C | Third four-digit Standard Industrial Classification (SIC) Code entered by facility.<br>*Source:* **SIC.**V_SIC_ID<br>*Reference:* Part I, Section 4.5c |
| 16 | SIC CODE 4 | C | Fourth four-digit Standard Industrial Classification (SIC) Code entered by facility.<br>*Source:* **SIC.**V_SIC_ID<br>*Reference:* Part I, Section 4.5d |
| 17 | SIC CODE 5 | C | Fifth four-digit Standard Industrial Classification (SIC) Code entered by facility.<br>*Source:* **SIC.**V_SIC_ID<br>*Reference:* Part I, Section 4.5e |
| 18 | SIC CODE 6 | C | Sixth four-digit Standard Industrial Classification (SIC) Code entered by facility.<br>*Source:* **SIC.**V_SIC_ID<br>*Reference:* Part I, Section 4.5f |
| 19 | LATITUDE | N | Reported latitude of the reporting facility **converted into decimal degrees** (Format: signed 2 digit whole number, 6 digit decimal positions +nn.nnnnnn).<br>*Source:* **FACILITY.**<br>ASGN_LATITUDE_DEGREES,<br>ASGN_LATITUDE_MINUTES<br>ASGN_LATITUDE_SECONDS<br>*Reference:* Part I, Section 4.6 |
| 20 | LONGITUDE | N | Reported longitude of the reporting facility **converted into decimal degrees.** (Format: signed 3 digit whole number, 6 digit decimal positions +nnn.nnnnnn).<br>*Source:* **FACILITY.**<br>ASGN_LONGITUDE_DEGREES<br>ASGN_LONGITUDE_MINUTES<br>ASGN_LONGITUDE_SECONDS<br>*Reference:* Part I, Section 4.6 |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 21 | D&B NR A | C | Unique identification number assigned by Dun and Bradstreet to the reporting facility.<br>*Source:*<br>*Reference:* Part I, Section 4.7a |
| 22 | D&B NR B | C | Unique identification number assigned by Dun and Bradstreet to the reporting facility.<br>*Source:*<br>**FACILITY_DB_NUM.**DB_NUMBER<br>*Reference:* Part I, Section 4.7b |
| 23 | RCRA NR A | C | Twelve-digit alphanumeric identifier assigned by EPA under the Resource Conservation and Recovery Act.<br>*Source:* **FACILITY_RCRA.**RCRA or RCRA_NA<br>*Reference:* Part I, Section 4.8a |
| 24 | RCRA NR B | C | Twelve-digit alphanumeric identifier assigned by EPA under the Resource Conservation and Recovery Act.<br>*Source:*<br>*Reference:* Part I, Section 4.8b |
| 25 | NPDES NR A | C | Nine-digit alphanumeric identifier assigned to a facility under EPA's National Pollutant Discharge Elimination System.<br>*Source:*<br>**FACILITY_NPDES.**NPDES_NUMBER<br>*Reference:* Part I, Section 4.9a |
| 26 | NPDES NR B | C | Nine-digit alphanumeric identifier assigned to a facility under EPA's National Pollutant Discharge Elimination System.<br>*Source:*<br>*Reference:* Part I, Section 4.9b |
| 27 | UIC NR A | C | Underground injection identification number, assigned by EPA or the state, to a facility which injects chemical waste into class 1 deep wells.<br>*Source:* **FACILITY_UIC.**UIC_NUMBER<br>*Reference:* Part I, Section 4.10a |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 28 | UIC NR B | C | Underground injection identification number, assigned by EPA or the state, to a facility which injects chemical waste into class 1 deep wells.<br>*Source:*<br>*Reference:* Part I, Section 4.10b |
| 29 | PARENT COMPANY NAME | C | Name of the corporation or other business entity that owns or controls the reporting facility.<br>*Source:* **PARENT_COMPANY.**PARENT_NAME<br>*Reference:* Part I, Section 5.1 |
| 30 | PARENT COMPANY D&B NR | C | Unique identification number assigned by Dun and Bradstreet to the parent company of the reporting facility.<br>*Source:*<br>**PARENT_COMPANY.**PARENT_DB<br>*Reference:* Part I, Section 5.2 |
| 31 | DOCUMENT CONTROL NUMBER | C | Unique identification number assigned to each submission by EPA. Format: TTYYMMMNNNNNCSS, where<br>TT = document type<br>YY = reporting year<br>MMM = media type<br>NNNNNN= sequential number<br>C = check digit<br>*Source:* **FORMR.** (13 + RY + DOC_TYPE + SEQ_NUM + Check digit)<br>*Reference:* NA (System generated) |
| 32 | CAS NUMBER | C | Chemical Abstracts Service (CAS) Registry Number for that unique chemical, or category code (for compounds).<br>**NOTE:** *CAS number 999999999 is for sanitized trade secret submissions; CHEM_NAME displays the reported generic chemical name.*<br>*Source:* **V_CAS_CHEMICAL.**CC_CODE<br>*Reference:* Part II, Section 1.1 |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 33 | CHEMICAL NAME | C | Name of the chemical or generic name if the chemical is claimed as a trade secret.<br>*Source:*<br>**FORMR.**CAS_CHEMICAL_NAME_ID or<br>**FORMR.**GEN_CHEM_NAME<br>*Reference:* Part II, Section 1.2 *or* Part II, Section 1.3 |
| 34 | QUANTITY RELEASED PRIOR YEAR | N | Amount reported in pounds of total quantity of the toxic chemical released (including offsite disposal) during previous year.<br>*Source:* **SOURCE_REDUCTION.** PRIOR_YEAR<br>*Reference:* Part II, Section 8.1A |
| 35 | QUANTITY RELEASED CURRENT YEAR | N | Amount reported in pounds of total quantity of toxic chemical released (including offsite disposal) during reporting year.<br>*Source:* **SOURCE_REDUCTION.** CURRENT_YEAR<br>*Reference:* Part II, Section 8.1B |
| 36 | QUANTITY RELEASED FOLLOWING YEAR | N | Amount reported in pounds of total quantity of the toxic chemical projected to be released (including offsite disposal) in the first year following the reporting year.<br>*Source:* **SOURCE_REDUCTION.** FOLLOWING_YEAR<br>*Reference:* Part II, Section 8.1C |
| 37 | QUANTITY RELEASED SECOND FOLLOWING YEAR | N | Amount reported in pounds of total quantity of toxic chemical projected to be released (including offsite disposal) in second year following reporting year.<br>*Source:* **SOURCE_REDUCTION.** SECOND_FOLLOWING_YEAR<br>*Reference:* Part II, Section 8.1D |
| 38 | ENERGY RECOVERY ONSITE PRIOR YEAR | N | Amount reported in pounds of total quantity of toxic chemical used onsite for energy recovery during the previous year.<br>*Source:* **SOURCE_REDUCTION.** PRIOR_YEAR<br>*Reference:* Part II, Section 8.2A |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 39 | ENERGY RECOVERY ONSITE CURRENT YEAR | N | Amount reported in pounds of total quantity of toxic chemical used onsite for energy recovery during reporting year.<br>*Source:* **SOURCE_REDUCTION.** CURRENT_YEAR<br>*Reference:* Part II, Section 8.2B |
| 40 | ENERGY RECOVERY ONSITE FOLLOWING YEAR | N | Amount reported in pounds of total quantity of toxic chemical projected to be used onsite for energy recovery in first year following reporting year.<br>*Source:* **SOURCE_REDUCTION.** FOLLOWING_YEAR<br>*Reference:* Part II, Section 8.2C |
| 41 | ENERGY RECOVERY ONSITE SECOND FOLLOWING YEAR | N | Amount reported in pounds of total quantity of toxic chemical projected to be used onsite for energy recovery in second year following reporting year.<br>*Source:***SOURCE_REDUCTION.** SECOND_FOLLOWING_YEAR<br>*Form R:* Part II, Section 8.2D |
| 42 | ENERGY RECOVERY OFFSITE PRIOR YEAR | N | Amount reported in pounds of total quantity of toxic chemical sent offsite for energy recovery during previous year.<br>*Source:* **SOURCE_REDUCTION.** PRIOR_YEAR<br>*Reference:* Part II, Section 8.3A |
| 43 | ENERGY RECOVERY OFFSITE CURRENT YEAR | N | Amount reported in pounds of total quantity of toxic chemical sent offsite for energy recovery during the reporting year<br>*Source:* **SOURCE_REDUCTION.** CURRENT_YEAR<br>*Reference:* Part II, Section 8.3B |
| 44 | ENERGY RECOVERY OFFSITE FOLLOWING YEAR | N | Amount reported in pounds of total quantity of toxic chemical projected to be sent offsite for energy recovery in first year following reporting year.<br>*Source:* **SOURCE_REDUCTION.** FOLLOWING_YEAR<br>*Form R:* Part II, Section 8.3C |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 45 | ENERGY RECOVERY OFFSITE SECOND FOLLOWING YEAR | N | Amount reported in pounds of total quantity of toxic chemical projected to be sent offsite for energy recovery in second year following reporting year.<br>*Source:* **SOURCE_REDUCTION.** SECOND_FOLLOWING_YEAR<br>*Form R:* Part II, Section 8.3 Column D - Second Following Year Quantity used for energy recovery offsite |
| 46 | QUANTITY RECYCLED ONSITE PRIOR YEAR | N | Amount reported in pounds of total quantity of toxic chemical recycled onsite during the previous year.<br>*Source:* **SOURCE_REDUCTION.** PRIOR_YEAR<br>*Reference:* Part II, Section 8.4A |
| 47 | QUANTITY RECYCLED ONSITE CURRENT YEAR | N | Amount reported in pounds of total quantity of toxic chemical recycled onsite during reporting year.<br>*Source:* **SOURCE_REDUCTION.** CURRENT_YEAR<br>*Reference:* Part II, Section 8.4B |
| 48 | QUANTITY RECYCLED ONSITE FOLLOWING YEAR | N | Amount reported in pounds of total quantity of toxic chemical projected to be recycled onsite in first year following reporting year.<br>*Source:* **SOURCE_REDUCTION.** FOLLOWING_YEAR<br>*Resource:* Part II, Section 8.4C |
| 49 | QUANTITY RECYCLED ONSITE SECOND FOLLOWING YEAR | N | Amount reported in pounds of total quantity of toxic chemical projected to be recycled onsite in second year following reporting year.<br>*Source:* **SOURCE_REDUCTION.** SECOND_FOLLOWING_YEAR<br>*Reference:* Part II, Section 8.4D |
| 50 | QUANTITY RECYCLED OFFSITE PRIOR YEAR | N | Amount reported in pounds of total quantity of toxic chemical sent offsite for recycling during the previous year.<br>*Source:* **SOURCE_REDUCTION.** PRIOR_YEAR<br>*Reference:* Part II, Section 8.5A |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 51 | QUANTITY RECYCLED OFFSITE CURRENT YEAR | N | Amount reported in pounds of total quantity of toxic chemical sent offsite for recycling during reporting year.<br>*Source:* **SOURCE_REDUCTION.** CURRENT_YEAR<br>*Reference:* Part II, Section 8.5B |
| 52 | QUANTITY RECYCLED OFFSITE FOLLOWING YEAR | N | Amount reported in pounds of total quantity of toxic chemical projected to be sent offsite for recycling in first year following reporting year.<br>*Source:* **SOURCE_REDUCTION.** FOLLOWING_YEAR<br>*Form R:* Part II, Section 8.5C |
| 53 | QUANTITY RECYCLED OFFSITE SECOND FOLLOWING YEAR | N | Amount reported in pounds of total quantity of toxic chemical projected to be sent offsite for energy recovery in second year following reporting year.<br>*Source:* **SOURCE_REDUCTION.** SECOND_FOLLOWING_YEAR<br>*Reference:* Part II, Section 8.5D |
| 54 | QUANTITY TREATED ONSITE PRIOR YEAR | N | Amount reported in pounds of total quantity of toxic chemical treated onsite during the previous year.<br>*Source:* **SOURCE_REDUCTION.** PRIOR_YEAR<br>*Reference:* Part II, Section 8.6A |
| 55 | QUANTITY TREATED ONSITE CURRENT YEAR | N | Amount reported in pounds of total quantity of toxic chemical treated onsite during the reporting year.<br>*Source:* **SOURCE_REDUCTION.** CURRENT_YEAR<br>*Reference:* Part II, Section 8.6B |
| 56 | QUANTITY TREATED ONSITE FOLLOWING YEAR | N | Amount reported in pounds of total quantity of toxic chemical projected to be treated onsite in the first year following the reporting year.<br>*Source:* **SOURCE_REDUCTION.** FOLLOWING_YEAR<br>*Reference:* Part II, Section 8.6C |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 57 | QUANTITY TREATED ONSITE SECOND FOLLOWING YEAR | N | Amount reported in pounds of total quantity of toxic chemical projected to be treated onsite in second year following reporting year.<br>*Source:* **SOURCE_REDUCTION.** SECOND_FOLLOWING_YEAR<br>*Reference:* Part II, Section 8.6D |
| 58 | QUANTITY TREATED OFFSITE PRIOR YEAR | N | Amount reported in pounds of total quantity of the toxic chemical treated offsite during the previous reporting year.<br>*Source:* **SOURCE_REDUCTION.** PRIOR_YEAR<br>*Reference:* Part II, Section 8.7A |
| 59 | QUANTITY TREATED OFFSITE CURRENT YEAR | N | Amount reported in pounds of total quantity of toxic chemical sent offsite for treatment (including transfers to POTWs) during the reporting year.<br>*Source:* **SOURCE_REDUCTION.** CURRENT_YEAR<br>*Reference:* Part II, Section 8.7B |
| 60 | QUANTITY TREATED OFFSITE FOLLOWING YEAR | N | Amount reported in pounds of total quantity of toxic chemical sent offsite for treatment (including transfers to POTWs) in the first year following the reporting year.<br>*Source:* **SOURCE_REDUCTION.** FOLLOWING_YEAR<br>*Reference:* Part II, Section 8.7C |
| 61 | QUANTITY TREATED OFFSITE SECOND FOLLOWING YEAR | N | Amount reported in pounds of total quantity of toxic chemical projected to be sent offsite for treatment (including transfers to POTWs) in second year following reporting year.<br>*Source:* **SOURCE_REDUCTION.** SECOND_FOLLOWING_YEAR<br>*Reference:* Part II, Section 8.7D |
| 62 | CATASTROPHIC RELEASES OR OTHER ONE-TIME EVENTS | N | Amount reported in pounds of total quantity of toxic chemical released to the environment or transferred offsite due to events not associated with routine production processes. Reported as pounds.<br>*Source:* **SUBMISSION.**ONE_TIME_RELEASE<br>*Reference:* Part II, Section 8.8 |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 63 | PROD RATIO/ACTIVITY INDEX | N | Ratio of production or activity in the reporting year divided by production or activity in the previous year. Field length is in the format of +nnnn.nn.<br>*Source:*<br>**SUBMISSION.**PRODUCTION_RATIO<br>*Reference:* Part II, Section 8.9 |
| 64 | FIRST SOURCE REDUCTION ACTIVITY | C | Activity code indicating the action taken to reduce the amount of the reported toxic chemical released, used for energy recovery, recycled, or treated.<br>*Source:*<br>**REDUCTION.**REDUCTION_ SEQUENCE +<br>**REDUCTION.**ACTIVITY<br>*Reference:* Part II, Section 8.10.1 |
| 65 | FIRST SOURCE REDUCTION ACTIVITY DESCRIPTION | C | Description of the preceding source reduction activity code.<br>*Source:*<br>**REDUCTION.**REDUCTION_ SEQUENCE +<br>**REDUCTION.**ACTIVITY +<br>**V_SR_ACTIVIITY_CODE.**<br>ACTIVITY_DESC<br>*Reference:* Part II, Section 8.10.1 |
| 66 | FIRST SOURCE REDUCTION METHOD - CODE 1 | C | Code corresponding to the internal or external method (or the information sources) used to identify the source reduction activity implementation at a facility.<br>*Source:*<br>**REDUCTION.**REDUCTION_ SEQUENCE +<br>**REDUCTION.**ACTIVITY +<br>**REDUCTION.**METHOD_A_ID+<br>**V_SR_METHOD.**SR_METHOD_ CODE<br>*Reference:* Part II, Section 8.10.1a |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 67 | FIRST SOURCE REDUCTION METHOD - CODE 1 DESCRIPTION | C | Description of the preceding source reduction activity method code.<br>*Source:*<br>**REDUCTION.**REDUCTION_ SEQUENCE +<br>**REDUCTION.**ACTIVITY +<br>**REDUCTION.**METHOD_A_ID+<br>**V_SR_METHOD.**SR_METHOD_ DESC<br>*Reference:* Part II, Section 8.10.1a |
| 68 | FIRST SOURCE REDUCTION METHOD - CODE 2 | C | Code corresponding to the internal or external method (or the information sources) used to identify the source reduction activity implementation at a facility.<br>*Source:*<br>**REDUCTION.**REDUCTION_SEQUENCE +<br>**REDUCTION.**ACTIVITY +<br>**REDUCTION.**METHOD_B_ID+<br>**V_SR_METHOD.**SR_METHOD_ CODE<br>*Reference:* Part II, Section 8.10.1b |
| 69 | FIRST SOURCE REDUCTION METHOD - CODE 2 DESCRIPTION | C | Description of the preceding source reduction activity method code.<br>*Source:*<br>**REDUCTION.**REDUCTION_ SEQUENCE +<br>**REDUCTION.**ACTIVITY +<br>**REDUCTION.**METHOD_B_ID+<br>**V_SR_METHOD.**SR_METHOD_ DESC<br>*Reference:* Part II, Section 8.10.1b |
| 70 | FIRST SOURCE REDUCTION METHOD - CODE 3 | C | Code corresponding to the internal or external method (or the information sources) used to identify the source reduction activity implementation at a facility.<br>*Source:*<br>**REDUCTION.**REDUCTION_ SEQUENCE +<br>**REDUCTION.**ACTIVITY +<br>**REDUCTION.**METHOD_A_ID+<br>**V_SR_METHOD.**SR_METHOD_ CODE<br>*Reference:* Part II, Section 8.10.1c |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 71 | FIRST SOURCE REDUCTION METHOD - CODE 3 DESCRIPTION | C | Description of the preceding source reduction activity method code.<br>*Source:*<br>**REDUCTION.**REDUCTION_ SEQUENCE +<br>**REDUCTION.**ACTIVITY +<br>**REDUCTION.**METHOD_C_ID+<br>**V_SR_METHOD.**SR_METHOD_ DESC<br>*Reference:* Part II, Section 8.10.1c |
| 72 | SECOND SOURCE REDUCTION ACTIVITY | C | Activity code indicating the action taken to reduce the amount of the reported toxic chemical released, used for energy recovery, recycled, or treated.<br>*Source:*<br>**REDUCTION.**REDUCTION_SEQUENCE +<br>**REDUCTION.**ACTIVITY<br>*Reference:* Part II, Section 8.10.2 |
| 73 | SECOND SOURCE REDUCTION ACTIVITY DESCRIPTION | C | Description of the preceding source reduction activity code.<br>*Source:* **REDUCTION.**REDUCTION_ SEQUENCE +<br>**REDUCTION.**ACTIVITY +<br>**V_SR_ACTIVITY_CODE.**<br>ACTIVITY_DESC<br>*Reference:* Part II, Section 8.10.2 |
| 74 | SECOND SOURCE REDUCTION METHOD - CODE 1 | C | Code corresponding to the internal or external method (or the information sources) used to identify the source reduction activity implementation at a facility.<br>*Source:*<br>**REDUCTION.**REDUCTION_ SEQUENCE +<br>**REDUCTION.**ACTIVITY +<br>**REDUCTION.**METHOD_A_ID+<br>**V_SR_METHOD.**SR_METHOD_ CODE<br>*Reference:* Part II, Section 8.10.2.a |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 75 | SECOND SOURCE REDUCTION METHOD - CODE 1 DESCRIPTION | C | Description of the preceding source reduction activity method code.<br>*Source:*<br>**REDUCTION.**REDUCTION_SEQUENCE +<br>**REDUCTION.**ACTIVITY +<br>**REDUCTION.**METHOD_A_ID+<br>**V_SR_METHOD.**SR_METHOD_ DESC<br>*Reference:* Part II, Section 8.10.2.a |
| 76 | SECOND SOURCE REDUCTION METHOD - CODE 2 | C | Code corresponding to the internal or external method (or the information sources) used to identify the source reduction activity implementation at a facility.<br>*Source:*<br>**REDUCTION.**REDUCTION_ SEQUENCE +<br>**REDUCTION.**ACTIVITY +<br>**REDUCTION.**METHOD_B_ID+<br>**V_SR_METHOD.**SR_METHOD_ CODE<br>*Reference:* Part II, Section 8.10.2b |
| 77 | SECOND SOURCE REDUCTION METHOD - CODE 2 DESCRIPTION | C | Description of the preceding source reduction activity method code.<br>*Source:*<br>**REDUCTION.**REDUCTION_ SEQUENCE +<br>**REDUCTION.**ACTIVITY +<br>**REDUCTION.**METHOD_B_ID+<br>**V_SR_METHOD.**SR_METHOD_ DESC<br>*Reference:* Part II, Section 8.10.2b |
| 78 | SECOND SOURCE REDUCTION METHOD - CODE 3 | C | Code corresponding to the internal or external method (or the information sources) used to identify the source reduction activity implementation at a facility.<br>*Source:*<br>**REDUCTION.**REDUCTION_ SEQUENCE +<br>**REDUCTION.**ACTIVITY +<br>**REDUCTION.**METHOD_C_ID+<br>**V_SR_METHOD.**SR_METHOD_ CODE<br>*Reference:* Part II, Section 8.10.2.c |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 79 | SECOND SOURCE REDUCTION METHOD - CODE 3 DESCRIPTION | C | Description of the preceding source reduction activity method code.<br>*Source:*<br>**REDUCTION.**REDUCTION_SEQUENCE +<br>**REDUCTION.**ACTIVITY +<br>**REDUCTION.**METHOD_C_ID+<br>**V_SR_METHOD.**SR_METHOD_DESC<br>*Reference:* Part II, Section 8.10.2.c |
| 80 | THIRD SOURCE REDUCTION ACTIVITY | C | Activity code indicating the action taken to reduce the amount of the reported toxic chemical released, used for energy recovery, recycled, or treated.<br>*Source:* **REDUCTION.**REDUCTION_ SEQUENCE +<br>**REDUCTION.**ACTIVITY<br>*Reference:* Part II, Section 8.10.3 |
| 81 | THIRD SOURCE REDUCTION ACTIVITY DESCRIPTION | C | Description of the preceding source reduction activity code.<br>*Source:*<br>**REDUCTION.**REDUCTION_ SEQUENCE +<br>**REDUCTION.**ACTIVITY +<br>**V_SR_ACTIVITY_CODE.**<br>ACTIVITY_DESC<br>*Reference:* Part II, Section 8.10.3 |
| 82 | THIRD SOURCE REDUCTION METHOD - CODE 1 | C | Code corresponding to the internal or external method (or the information sources) used to identify the source reduction activity implementation at a facility.<br>*Source:*<br>**REDUCTION.**REDUCTION_ SEQUENCE +<br>**REDUCTION.**ACTIVITY +<br>**REDUCTION.**METHOD_A_ID+<br>**V_SR_METHOD.**SR_METHOD_ CODE<br>*Reference:* Part II, Section 8.10.3a |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 83 | THIRD SOURCE REDUCTION METHOD - CODE 1 DESCRIPTION | C | Description of the preceding source reduction activity method code.<br>*Source:*<br>**REDUCTION.**REDUCTION_ SEQUENCE +<br>**REDUCTION.**ACTIVITY +<br>**REDUCTION.**METHOD_A_ID+<br>**V_SR_METHOD.**SR_METHOD_ DESC<br>*Reference:* Part II, Section 8.10.3a |
| 84 | THIRD SOURCE REDUCTION METHOD - CODE 2 | C | Code corresponding to the internal or external method (or the information sources) used to identify the source reduction activity implementation at a facility.<br>*Source:*<br>**REDUCTION.**REDUCTION_ SEQUENCE +<br>**REDUCTION.**ACTIVITY +<br>**REDUCTION.**METHOD_B_ID+<br>**V_SR_METHOD.**SR_METHOD_ CODE<br>*Reference:* Part II, Section 8.10.3b |
| 85 | THIRD SOURCE REDUCTION METHOD - CODE 2 DESCRIPTION | C | Description of the preceding source reduction activity method code.<br>*Source:*<br>**REDUCTION.**REDUCTION_ SEQUENCE +<br>**REDUCTION.**ACTIVITY +<br>**REDUCTION.**METHOD_B_ID+<br>**V_SR_METHOD.**SR_METHOD_ DESC<br>*Reference:* Part II, Section 8.10.3b |
| 86 | THIRD SOURCE REDUCTION METHOD - CODE 3 | C | Code corresponding to the internal or external method (or the information sources) used to identify the source reduction activity implementation at a facility.<br>*Source:*<br>**REDUCTION.**REDUCTION_ SEQUENCE +<br>**REDUCTION.**ACTIVITY +<br>**REDUCTION.**METHOD_C_ID+<br>**V_SR_METHOD.**SR_METHOD_ CODE<br>*Reference:* Part II, Section 8.10.3c |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 87 | THIRD SOURCE REDUCTION METHOD - CODE 3 DESCRIPTION | C | Description of the preceding source reduction activity method code.<br>*Source:*<br>**REDUCTION.**REDUCTION_SEQUENCE +<br>**REDUCTION.**ACTIVITY +<br>**REDUCTION.**METHOD_C_ID+<br>**V_SR_METHOD.**SR_METHOD_DESC<br>*Reference:* Part II, Section 8.10.3c |
| 88 | FOURTH SOURCE REDUCTION ACTIVITY | C | Activity code indicating the action taken to reduce the amount of the reported toxic chemical released, used for energy recovery, recycled, or treated.<br>*Source:* **REDUCTION.**REDUCTION_ SEQUENCE +<br>**REDUCTION.**ACTIVITY<br>*Reference:* Part II, Section 8.10.4 |
| 89 | FOURTH SOURCE REDUCTION ACTIVITY DESCRIPTION | C | Description of the preceding source reduction activity code.<br>*Source:*<br>**REDUCTION.**REDUCTION_ SEQUENCE +<br>**REDUCTION.**ACTIVITY +<br>**V_SR_ACTIVITY_CODE.**<br>ACTIVITY_DESC<br>*Reference:* Part II, Section 8.10.4 |
| 90 | FOURTH SOURCE REDUCTION METHOD - CODE 1 | C | Code corresponding to the internal or external method (or the information sources) used to identify the source reduction activity implementation at a facility.<br>*Source:*<br>**REDUCTION.**REDUCTION_ SEQUENCE +<br>**REDUCTION.**ACTIVITY +<br>**REDUCTION.**METHOD_C_ID+<br>**V_SR_METHOD.**SR_METHOD_ CODE<br>*Reference:* Part II, Section 8.10.4a |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 91 | FOURTH SOURCE REDUCTION METHOD - CODE 1 DESCRIPTION | C | Description of the preceding source reduction activity method code.<br>*Source:*<br>**REDUCTION.**REDUCTION_ SEQUENCE +<br>**REDUCTION.**ACTIVITY +<br>**REDUCTION.**METHOD_C_ID+<br>**V_SR_METHOD.**SR_METHOD_ DESC<br>*Reference:* Part II, Section 8.10.4a |
| 92 | FOURTH SOURCE REDUCTION METHOD - CODE 2 | C | Code corresponding to the internal or external method (or the information sources) used to identify the source reduction activity implementation at a facility.<br>*Source:*<br>**REDUCTION.**REDUCTION_ SEQUENCE +<br>**REDUCTION.**ACTIVITY +<br>**REDUCTION.**METHOD_C_ID+<br>**V_SR_METHOD.**SR_METHOD_ CODE<br>*Reference* Part II, Section 8.10.4b |
| 93 | FOURTH SOURCE REDUCTION METHOD - CODE 2 DESCRIPTION | C | Description of the preceding source reduction activity method code.<br>*Source:*<br>**REDUCTION.**REDUCTION_ SEQUENCE +<br>**REDUCTION.**ACTIVITY +<br>**REDUCTION.**METHOD_C_ID+<br>**V_SR_METHOD.**SR_METHOD_ DESC<br>*Reference* Part II, Section 8.10.4b |
| 94 | FOURTH SOURCE REDUCTION METHOD - CODE 3 | C | Code corresponding to the internal or external method (or the information sources) used to identify the source reduction activity implementation at a facility.<br>*Source:*<br>**REDUCTION.**REDUCTION_ SEQUENCE +<br>**REDUCTION.**ACTIVITY +<br>**REDUCTION.**METHOD_C_ID+<br>**V_SR_METHOD.**SR_METHOD_ CODE<br>*Reference:* Part II, Section 8.10.4c |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 95 | FOURTH SOURCE REDUCTION METHOD - CODE 3 DESCRIPTION | C | Description of the preceding source reduction activity method code.<br>*Source:*<br>**REDUCTION.**REDUCTION_ SEQUENCE +<br>**REDUCTION.**ACTIVITY +<br>**REDUCTION.**METHOD_C_ID+<br>**V_SR_METHOD.**SR_METHOD_ DESC<br>*Reference:* Part II, Section 8.10.4c |
| 96 | STREAM 1 - WASTE STREAM CODE | C | This field provides the indicator that shows the type of general waste stream containing the reported chemical that is being treated. Indicator values are as follows:<br>A = gaseous<br>W = wastewater<br>L = liquid waste<br>S = solid waste<br>*Source:* **V_WASTE_STREAM.** STREAM_CODE<br>*Reference:* Part II, Section 7A.1a |
| 97 | STREAM 1 - TRTMT METHOD - SEQUENCE 1 | C | This field provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported.<br>*Source:* **V_TREATMENT**.TREATMENT_ CODE<br>*Reference:* Part II, Section 7A.1b |
| 98 | STREAM 1 - TRTMT METHOD - SEQUENCE 2 | C | This field provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported.<br>*Source:* **V_TREATMENT**.TREATMENT_ CODE<br>*Reference:* Part II, Section 7A.1b |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 99 | STREAM 1 - TRTMT METHOD - SEQUENCE 3 | C | This field provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported.<br>*Source:* **V_TREATMENT**.TREATMENT_CODE<br>*Reference:* Part II, Section 7A.1b |
| 100 | STREAM 1 -TRTMT METHOD - SEQUENCE 4 | C | This field provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported.<br>*Source:* **V_TREATMENT**.TREATMENT_CODE<br>*Reference:* Part II, Section 7A.1b |
| 101 | STREAM 1 - TRTMT METHOD - SEQUENCE 5 | C | This field provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported.<br>*Source:* **V_TREATMENT**.TREATMENT_CODE<br>*Reference:* Part II, Section 7A.1b |
| 102 | STREAM 1 - TRTMT METHOD - SEQUENCE 6 | C | This field provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported.<br>*Source:* **V_TREATMENT**.TREATMENT_CODE<br>*Reference:* Part II, Section 7A.1b |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 103 | STREAM 1 - TRTMT METHOD - SEQUENCE 7 | C | This field provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported.<br>*Source:* **V_TREATMENT**.TREATMENT_ CODE<br>*Reference:* Part II, Section 7A.1b |
| 104 | STREAM 1 - TRTMT METHOD - SEQUENCE 8 | C | This field provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported.<br>*Source:* **V_TREATMENT**.TREATMENT_ CODE<br>*Reference:* Part II, Section 7A.1b |
| 105 | STREAM 1 - RANGE INFLUENT CONCENT | C | This field provides the code corresponding to the range concentration of the toxic chemical as it typically enters the specified waste treatment step or sequence.<br>*Source:* **ON_SITE_WASTE_STREAM.** INFLUENT<br>*Reference:* Part II, Section 7A.1c |
| 106 | STREAM 1 - TRTMT EFFICIENCY EST | N | This field provides the estimate of the percentage of the toxic chemical removed from the waste stream through destruction, biological degradation, chemical conversion, or physical removal of the chemical from the wastestream being treated.<br>*Source:* **ON_SITE_WASTE_STREAM.** EFFICIENCY<br>*Reference:* Part II, Section 7A.1.d |
| 107 | STREAM 1 - BASED ON OPERATING DATA? | C | This field indicates that the information given in the EFFICIENCY field is based on operating data. Value is either “yes” or “no”.<br>*Source:* **ON_SITE_WASTE_STREAM.** OPERATING_DATA<br>*Reference:* Part II, Section 7A.1.e |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 108 | STREAM 2 - WASTE STREAM CODE | C | This field provides the indicator that shows the type of general waste stream containing the reported chemical that is being treated. Indicator values are as follows:<br>A = gaseous<br>W = wastewater<br>L = liquid waste<br>S = solid waste<br>*Source:* **V_WASTE_STREAM.** STREAM_CODE<br>*Reference:* Part II, Section 7A.2a |
| 109 | STREAM 2 - TRTMT METHOD - SEQUENCE 1 | C | This field provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported.<br>*Source:* **V_TREATMENT**.TREATMENT_ CODE<br>*Reference:* Part II, Section 7A.2b |
| 110 | STREAM 2 - TRTMT METHOD - SEQUENCE 2 | C | This field provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported.<br>*Source:* **V_TREATMENT**.TREATMENT_ CODE<br>*Reference:* Part II, Section 7A.2b |
| 111 | STREAM 2 - TRTMT METHOD - SEQUENCE 3 | C | This field provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported.<br>*Source:* **V_TREATMENT**.TREATMENT_ CODE<br>*Reference:* Part II, Section 7A.2b |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 112 | STREAM 2 -TRTMT METHOD - SEQUENCE 4 | C | This field provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported.<br>*Source:* **V_TREATMENT**.TREATMENT_CODE<br>*Reference:* Part II, Section 7A.2b |
| 113 | STREAM 2 - TRTMT METHOD - SEQUENCE 5 | C | This field provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported.<br>*Source:* **V_TREATMENT**.TREATMENT_CODE<br>*Reference:* Part II, Section 7A.2b |
| 114 | STREAM 2 - TRTMT METHOD - SEQUENCE 6 | C | This field provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported.<br>*Source:* **V_TREATMENT**.TREATMENT_CODE<br>*Reference:* Part II, Section 7A.2b |
| 115 | STREAM 2 - TRTMT METHOD - SEQUENCE 7 | C | This field provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported.<br>*Source:* **V_TREATMENT**.TREATMENT_CODE<br>*Reference:* Part II, Section 7A.2b |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 116 | STREAM 2 - TRTMT METHOD - SEQUENCE 8 | C | This field provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported.<br>*Source:* **V_TREATMENT**.TREATMENT_ CODE<br>*Reference:* Part II, Section 7A.2b |
| 117 | STREAM 2 - RANGE INFLUENT CONCENT | C | This field provides the code corresponding to the range concentration of the toxic chemical as it typically enters the specified waste treatment step or sequence.<br>*Source:* **ON_SITE_WASTE_STREAM.** INFLUENT<br>*Reference:* Part II, Section 7A.2c |
| 118 | STREAM 2 - TRTMT EFFICIENCY EST | N | This field provides the estimate of the percentage of the toxic chemical removed from the waste stream through destruction, biological degradation, chemical conversion, or physical removal of the chemical from the wastestream being treated.<br>*Source:* **ON_SITE_WASTE_STREAM.** EFFICIENCY<br>*Reference:* Part II, Section 7A.2.d |
| 119 | STREAM 2 - BASED ON OPERATING DATA? | C | This field indicates that the information given in the EFFICIENCY field is based on operating data. Value is either "yes" or "no".<br>*Source:* **ON_SITE_WASTE_STREAM.** OPERATING_DATA<br>*Reference:* Part II, Section 7A.2.e |
| 120 | STREAM 3 - WASTE STREAM CODE | C | This field provides the indicator that shows the type of general waste stream containing the reported chemical that is being treated. Indicator values are as follows:<br>A = gaseous<br>W = wastewater<br>L = liquid waste<br>S = solid waste<br>*Source:* **V_WASTE_STREAM.** STREAM_CODE<br>*Reference:* Part II, Section 7A.3a |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 121 | STREAM 3 - TRTMT METHOD - SEQUENCE 1 | C | This field provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported.<br>*Source:* **V_TREATMENT**.TREATMENT_CODE<br>*Reference:* Part II, Section 7A.3b |
| 122 | STREAM 3 - TRTMT METHOD - SEQUENCE 2 | C | This field provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported.<br>*Source:* **V_TREATMENT**.TREATMENT_CODE<br>*Reference:* Part II, Section 7A.3b |
| 123 | STREAM 3 - TRTMT METHOD - SEQUENCE 3 | C | This field provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported.<br>*Source:* **V_TREATMENT**.TREATMENT_CODE<br>*Reference:* Part II, Section 7A.3b |
| 124 | STREAM 3 -TRTMT METHOD - SEQUENCE 4 | C | This field provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported.<br>*Source:* **V_TREATMENT**.TREATMENT_CODE<br>*Reference:* Part II, Section 7A.3b |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 125 | STREAM 3 - TRTMT METHOD - SEQUENCE 5 | C | This field provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported.<br>*Source:* **V_TREATMENT**.TREATMENT_CODE<br>*Reference:* Part II, Section 7A.3b |
| 126 | STREAM 3 - TRTMT METHOD - SEQUENCE 6 | C | This field provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported.<br>*Source:* **V_TREATMENT**.TREATMENT_CODE<br>*Reference:* Part II, Section 7A.3b |
| 127 | STREAM 3 - TRTMT METHOD - SEQUENCE 7 | C | This field provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported.<br>*Source:* **V_TREATMENT**.TREATMENT_CODE<br>*Reference:* Part II, Section 7A.3b |
| 128 | STREAM 3 - TRTMT METHOD - SEQUENCE 8 | C | This field provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported.<br>*Source:* **V_TREATMENT**.TREATMENT_CODE<br>*Reference:* Part II, Section 7A.3b |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 129 | STREAM 3 - RANGE INFLUENT CONCENT | C | This field provides the code corresponding to the range concentration of the toxic chemical as it typically enters the specified waste treatment step or sequence.<br>*Source:* **ON_SITE_WASTE_STREAM.** INFLUENT<br>*Reference:* Part II, Section 7A.3c |
| 130 | STREAM 3 - TRTMT EFFICIENCY EST | N | This field provides the estimate of the percentage of the toxic chemical removed from the waste stream through destruction, biological degradation, chemical conversion, or physical removal of the chemical from the wastestream being treated.<br>*Source:* **ON_SITE_WASTE_STREAM.** EFFICIENCY<br>*Reference:* Part II, Section 7A.3.d |
| 131 | STREAM 3 - BASED ON OPERATING DATA? | C | This field indicates that the information given in the EFFICIENCY field is based on operating data. Value is either "yes" or "no".<br>*Source:* **ON_SITE_WASTE_STREAM.** OPERATING_DATA<br>*Reference:* Part II, Section 7A.3.e |
| 132 | STREAM 4 - WASTE STREAM CODE | C | This field provides the indicator that shows the type of general waste stream containing the reported chemical that is being treated. Indicator values are as follows:<br>A = gaseous<br>W = wastewater<br>L = liquid waste<br>S = solid waste<br>*Source:* **V_WASTE_STREAM.** STREAM_CODE<br>*Reference:* Part II, Section 7A.4a |
| 133 | STREAM 4 - TRTMT METHOD - SEQUENCE 1 | C | This field provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported.<br>*Source:* **V_TREATMENT**.TREATMENT_ CODE<br>*Reference:* Part II, Section 7A.4.b |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 134 | STREAM 4 - TRTMT METHOD - SEQUENCE 2 | C | This field provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported.<br>*Source:* **V_TREATMENT**.TREATMENT_CODE<br>*Reference:* Part II, Section 7A.4.b |
| 135 | STREAM 4 - TRTMT METHOD - SEQUENCE 3 | C | This field provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported.<br>*Source:* **V_TREATMENT**.TREATMENT_CODE<br>*Reference:* Part II, Section 7A.4.b |
| 136 | STREAM 4 -TRTMT METHOD - SEQUENCE 4 | C | This field provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported.<br>*Source:* **V_TREATMENT**.TREATMENT_CODE<br>*Reference:* Part II, Section 7A.4.b |
| 137 | STREAM 4 - TRTMT METHOD - SEQUENCE 5 | C | This field provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported.<br>*Source:* **V_TREATMENT**.TREATMENT_CODE<br>*Reference:* Part II, Section 7A.4.b |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 138 | STREAM 4 - TRTMT METHOD - SEQUENCE 6 | C | This field provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported.<br>*Source:* **V_TREATMENT**.TREATMENT_ CODE<br>*Reference:* Part II, Section 7A.4.b |
| 139 | STREAM 4 - TRTMT METHOD - SEQUENCE 7 | C | This field provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported.<br>*Source:* **V_TREATMENT**.TREATMENT_ CODE<br>*Reference:* Part II, Section 7A.4.b |
| 140 | STREAM 4 - TRTMT METHOD - SEQUENCE 8 | C | This field provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported.<br>*Source:* **V_TREATMENT**.TREATMENT_ CODE<br>*Reference:* Part II, Section 7A.4.b |
| 141 | STREAM 4 - RANGE INFLUENT CONCENT | C | This field provides the code corresponding to the range concentration of the toxic chemical as it typically enters the specified waste treatment step or sequence.<br>*Source:* **ON_SITE_WASTE_STREAM.** INFLUENT<br>*Reference:* Part II, Section 7A.4.c |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 142 | STREAM 4 - TRTMT EFFICIENCY EST | N | This field provides the estimate of the percentage of the toxic chemical removed from the waste stream through destruction, biological degradation, chemical conversion, or physical removal of the chemical from the wastestream being treated.<br>*Source:* **ON_SITE_WASTE_STREAM.** EFFICIENCY<br>*Reference:* Part II, Section 7A.4.d |
| 143 | STREAM 4 - BASED ON OPERATING DATA? | C | This field indicates that the information given in the EFFICIENCY field is based on operating data. Value is either "yes" or "no".<br>*Source:* **ON_SITE_WASTE_STREAM.** OPERATING_DATA<br>*Reference:* Part II, Section 7A.4.e |
| 144 | STREAM 5 - WASTE STREAM CODE | C | This field provides the indicator that shows the type of general waste stream containing the reported chemical that is being treated. Indicator values are as follows:<br>A = gaseous<br>W = wastewater<br>L = liquid waste<br>S = solid waste<br>*Source:* **V_WASTE_STREAM.** STREAM_CODE<br>*Reference:* Part II, Section 7A.5a |
| 145 | STREAM 5 - TRTMT METHOD - SEQUENCE 1 | C | This field provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported.<br>*Source:* **V_TREATMENT**.TREATMENT_ CODE<br>*Reference:* Part II, Section 7A.5.b |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 146 | STREAM 5 - TRTMT METHOD - SEQUENCE 2 | C | This field provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported.<br>*Source:* **V_TREATMENT**.TREATMENT_CODE<br>*Reference:* Part II, Section 7A.5.b |
| 147 | STREAM 5 - TRTMT METHOD - SEQUENCE 3 | C | This field provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported.<br>*Source:* **V_TREATMENT**.TREATMENT_CODE<br>*Reference:* Part II, Section 7A.5.b |
| 148 | STREAM 5 -TRTMT METHOD - SEQUENCE 4 | C | This field provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported.<br>*Source:* **V_TREATMENT**.TREATMENT_CODE<br>*Reference:* Part II, Section 7A.5.b |
| 149 | STREAM 5 - TRTMT METHOD - SEQUENCE 5 | C | This field provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported.<br>*Source:* **V_TREATMENT**.TREATMENT_CODE<br>*Reference:* Part II, Section 7A.5.b |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 150 | STREAM 5 - TRTMT METHOD - SEQUENCE 6 | C | This field provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported.<br>*Source:* **V_TREATMENT**.TREATMENT_ CODE<br>*Reference:* Part II, Section 7A.5.b |
| 151 | STREAM 5 - TRTMT METHOD - SEQUENCE 7 | C | This field provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported.<br>*Source:* **V_TREATMENT**.TREATMENT_ CODE<br>*Reference:* Part II, Section 7A.5.b |
| 152 | STREAM 5 - TRTMT METHOD - SEQUENCE 8 | C | This field provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported.<br>*Source:* **V_TREATMENT**.TREATMENT_ CODE<br>*Reference:* Part II, Section 7A.5.b |
| 153 | STREAM 5 - RANGE INFLUENT CONCENT | C | This field provides the code corresponding to the range concentration of the toxic chemical as it typically enters the specified waste treatment step or sequence.<br>*Source:* **ON_SITE_WASTE_STREAM.** INFLUENT<br>*Reference:* Part II, Section 7A.5.c |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 154 | STREAM 5 - TRTMT EFFICIENCY EST | N | This field provides the estimate of the percentage of the toxic chemical removed from the waste stream through destruction, biological degradation, chemical conversion, or physical removal of the chemical from the wastestream being treated.<br>*Source:* **ON_SITE_WASTE_STREAM.** EFFICIENCY<br>*Reference:* Part II, Section 7A.5.d |
| 155 | STREAM 5 - BASED ON OPERATING DATA? | C | This field indicates that the information given in the EFFICIENCY field is based on operating data. Value is either "yes" or "no".<br>*Source:* **ON_SITE_WASTE_STREAM.** OPERATING_DATA<br>*Reference:* Part II, Section 7A.5.e |

## 2.3 Detailed Transfers Off-Site Data (non-POTW) (Type 3A)

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 1 | TRIFID | C | Facility identification in the format zzzzznnnnnsssss where usually zzzzz = facility zip code, nnnnn = first five consonants of the name, and sssss = first five non-special characters in the street address.<br>**NOTE:** *The contents of this field is **not** changed to match facility ownership, or zip code changes. Rather, the TRI Facility ID identifies a specific geographical location which is also identified by the latitude and longitude of that location.*<br>*Source:* **FACILITY.**TRIFID<br>*Reference:* Part I, Section 4.1 |
| 2 | DOCUMENT CONTROL NUMBER | C | Unique identification number assigned to each submission by EPA. Format: TTYYMMMNNNNNCSS, where<br>TT = document type<br>YY = reporting year<br>MMM = media type<br>NNNNNN= sequential number<br>C = check digit<br>*Source:* **FORMR.** (13 + RY + DOC_TYPE + SEQ_NUM + Check digit)<br>*Reference:* NA (System generated) |
| 3 | CAS NUMBER | C | Chemical Abstracts Service (CAS) Registry Number for that unique chemical, or category code (for compounds).<br>**NOTE:** *CAS number 999999999 is for sanitized trade secret submissions; CHEM_NAME displays the reported generic chemical name.*<br>*Source:* **V_CAS_CHEMICAL.**CC_CODE<br>*Reference:* Part II, Section 1.1 |
| 4 | REPORTING YEAR | C | Provides the calendar year in which the reported activities occur.<br>*Source:* **FACILITY_HISTORY**. REPORTING YEAR<br>*Reference:* Part I, Section 1 |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 5 | TRADE SECRET INDICATOR | C | This field indicates whether the reporting facility claims the identity of the chemical or chemical category as a trade secret.<br>Yes = Checked (Trade Secret)<br>No = Not checked<br>Note: Only Sanitized Trade Secret submissions are stored in the TRIS database.<br>*Source:* **FORMR.**TRADE_SECRET<br>*Reference*: Part I, Section 2.1 |
| 6 | FACILITY NAME | C | Name of the reporting facility.<br>*Source:* **FACILITY.**NAME<br>*Reference:* Part I, Section 4.1 |
| 7 | FACILITY STREET | C | Street address of the reporting facility.<br>*Source:* **FACILITY.**STREET<br>*Reference:* Part I, Section 4.1 |
| 8 | FACILITY CITY | C | City in which the reporting facility is located.<br>*Source:* **V_CITY.**ZC_CITY<br>*Reference:* Part I, Section 4.1 |
| 9 | FACILITY COUNTY | C | County in which the reporting facility is located.<br>*Source:* **V_COUNTY.**ZC_COUNTY<br>*Reference:* Part I, Section 4.1 |
| 10 | FACILITY STATE | C | Two-letter state code of the reporting facility.<br>*Source:* **V_STATE.**ZC_STATE<br>*Reference:* Part I, Section 4.1 |
| 11 | FACILITY ZIP CODE | C | Five-digit ZIP of the reporting facility.<br>*Source:* **V_ZIPCODE.** ZC_ZIPCODE<br>*Reference:* Part I, Section 4.1 |
| 12 | ENTIRE FACILITY IND | C | Indicates whether the information covers an entire facility or part of a facility.<br>0 = entire<br>1 = partial<br>*Source:* **FACILITY.** ASGN_PARTIAL<br>*Reference:* Part I, Section 4.2a |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 13 | PARTIAL FACILITY IND | C | Indicates whether the information covers an entire facility or part of a facility.<br>0 = entire<br>1 = partial<br>*Source:* **FACILITY.** ASGN_PARTIAL<br>*Reference:* Part I, Section 4.2b |
| 14 | FEDERAL FACILITY IND | C | Code indicating whether a facility is Federal or not.<br>Yes = Federal<br>No = non-Federal or GOCO<br>*Source:* **FACILITY.**ASGN_FEDERAL<br>*Form R:* Part I Section 4.2c |
| 15 | PRIMARY SIC CODE | C | Indicates whether the information covers an entire facility or part of a facility.<br>Yes = entire<br>No = partial<br>*Source:* **FACILITY.** ASGN_PARTIAL<br>*Reference:* Part I, Section 4.2a |
| 16 | SIC CODE 2 | C | Indicates whether the information covers an entire facility or part of a facility.<br>Yes = partial<br>No = entire<br>*Source:* **FACILITY.** ASGN_PARTIAL<br>*Reference:* Part I, Section 4.2b |
| 17 | SIC CODE 3 | C | Code indicating whether a facility is Federal or not.<br>Yes = Federal<br>No = non-Federal<br>*Source:* **FACILITY.**ASGN_FEDERAL<br>*Form R:* Part I Section 4.2c |
| 18 | SIC CODE 4 | C | Fourth four-digit Standard Industrial Classification (SIC) Code entered by facility.<br>*Source:* **SIC.**V_SIC_ID<br>*Reference:* Part I, Section 4.5d |
| 19 | SIC CODE 5 | C | Fifth four-digit Standard Industrial Classification (SIC) Code entered by facility.<br>*Source:* **SIC.**V_SIC_ID<br>*Reference:* Part I, Section 4.5e |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 20 | SIC CODE 6 | C | Sixth four-digit Standard Industrial Classification (SIC) Code entered by facility.<br>*Source:* **SIC.**V_SIC_ID<br>*Reference:* Part I, Section 4.5f |
| 21 | LATITUDE | N | Reported latitude of the reporting facility **converted into decimal degrees** (Format: signed 2 digit whole number, 6 digit decimal positions +nn.nnnnnn).<br>*Source:* **FACILITY.** ASGN_LATITUDE_DEGREES, ASGN_LATITUDE_MINUTES ASGN_LATITUDE_SECONDS<br>*Reference:* Part I, Section 4.6 |
| 22 | LONGITUDE | N | Reported longitude of the reporting facility **converted into decimal degrees.** (Format: signed 3 digit whole number, 6 digit decimal positions +nnn.nnnnnn).<br>*Source:* **FACILITY.** ASGN_LONGITUDE_DEGREES ASGN_LONGITUDE_MINUTES ASGN_LONGITUDE_SECONDS<br>*Reference:* Part I, Section 4.6 |
| 23 | D&B NR A | C | Unique identification number assigned by Dun and Bradstreet to the reporting facility.<br>*Source:*<br>*Reference:* Part I, Section 4.7a |
| 24 | D&B NR B | C | Unique identification number assigned by Dun and Bradstreet to the reporting facility.<br>*Source:*<br>**FACILITY_DB_NUM.**DB_NUMBER<br>*Reference:* Part I, Section 4.7b |
| 25 | RCRA NR A | C | Twelve-digit alphanumeric identifier assigned by EPA under the Resource Conservation and Recovery Act.<br>*Source:* **FACILITY_RCRA.**RCRA or RCRA_NA<br>*Reference:* Part I, Section 4.8a |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 26 | RCRA NR B | C | Twelve-digit alphanumeric identifier assigned by EPA under the Resource Conservation and Recovery Act.<br>*Source:*<br>*Reference:* Part I, Section 4.8b |
| 27 | NPDES NR A | C | Nine-digit alphanumeric identifier assigned to a facility under EPA's National Pollutant Discharge Elimination System.<br>*Source:*<br>**FACILITY_NPDES.**NPDES_NUMBER<br>*Reference:* Part I, Section 4.9a |
| 28 | NPDES NR B | C | Nine-digit alphanumeric identifier assigned to a facility under EPA's National Pollutant Discharge Elimination System.<br>*Source:*<br>*Reference:* Part I, Section 4.9b |
| 29 | UIC NR A | C | Underground injection identification number, assigned by EPA or the state, to a facility which injects chemical waste into class 1 deep wells.<br>*Source:* **FACILITY_UIC.**UIC_NUMBER<br>*Reference:* Part I, Section 4.10a |
| 30 | UIC NR B | C | Underground injection identification number, assigned by EPA or the state, to a facility which injects chemical waste into class 1 deep wells.<br>*Source:*<br>*Reference:* Part I, Section 4.10b |
| 31 | PARENT COMPANY NAME | C | Name of the corporation or other business entity that owns or controls the reporting facility.<br>*Source:* **PARENT_COMPANY.**PARENT_NAME<br>*Reference:* Part I, Section 5.1 |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 32 | PARENT COMPANY D&B NR | C | Unique identification number assigned by Dun and Bradstreet to the parent company of the reporting facility.<br>*Source:*<br>**PARENT_COMPANY.**PARENT_DB<br>*Reference:* Part I, Section 5.2 |
| 33 | OFF-SITE RCRA ID NR. | C | This field provides the identification number assigned to the off-site disposal facility covered by regulations of the Resource Conservation and Recovery Act (RCRA) and other regulations of the Superfund Act (CERCLA).<br>*Source:*<br>**FACILITY_HISTORY_RCRA.**RCRA<br>*Reference:* Part II, Section 6.2 |
| 34 | OFF-SITE TRANSFER SEQUENCE NUMBER | C | This field contains a sequence number assigned to an off-site location.<br>*Source:* **V_OFF_SITE.**OFF_SITE_ID<br>*Reference:* NA (System generated) |
| 35 | OFF-SITE NAME | C | This field provides the name of the off-site treatment or disposal location to which the chemical is sent.<br>*Source:*<br>**OFF_SITE_TRANSFER.**OFF_SITE_ NAME<br>*Reference:* Part II, Section 6.2 |
| 36 | OFF-SITE STREET ADDRESS | C | This field provides the address of the off-site disposal or treatment facility.<br>*Source:* **OFF_SITE_TRANSFER.** OFF_SITE_STREET<br>*Reference:* Part II, Section 6.2 |
| 37 | OFF-SITE CITY | C | This field provides the city in which the off-site transfer or disposal site is located.<br>*Source:*<br>**OFF_SITE_TRANSFER.**OFF_SITE_ CITY<br>*Reference:* Part II, Section 6.2 |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 38 | OFF-SITE COUNTY | C | This field provides the county in which the off-site treatment or disposal site is located. *Source:* **OFF_SITE_TRANSFER.** OFF_SITE_COUNTY *Reference:* Part II, Section 6.2 |
| 39 | OFF-SITE STATE | C | This field identifies the two-letter state abbreviation of the off-site treatment or disposal site. *Source:* **OFF_SITE_TRANSFER.**OFF_SITE_ STATE *Reference:* Part II, Section 6.2 |
| 40 | OFF-SITE ZIPCODE | C | This field provides the zip code used in the address of an off-site treatment or disposal site. *Source:* **OFF_SITE_TRANSFER.** OFF_SITE_ZIPCODE *Reference:* Part II, Section 6.2 |
| 41 | OFF-SITE COUNTRY ID | C | If the off-site facility is out of the country, this field contains the name of the country to which the transfer is sent. Source: **OFF_SITE_TRANSFER.**COUNTRY_ ID *Reference:* Part II, Section 6.2 |
| 42 | OFF-SITE CONTROL | C | This field indicates whether the off-site location to which toxic chemical wastes are transferred is owned or controlled by the facility or parent company. Value is “yes” or “no”. *Source:* **OFF_SITE_TRANSFER.** UNDER_CONTROL *Reference:* Part II, Section 6.2 |
| 43 | XFERS OFF-SITE POUNDS - STORAGE M10 | N | This field provides an estimation of the total quantity in pounds of reported chemical contained in the waste transferred to off-site facilities for storage (M10). Range codes may be used for transfers of less than 1000 lbs. Source: **OFF_SITE_AMOUNT.**OFF_SITE_ TOTAL *Reference:* Part II, Section 6.2A |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 44 | XFERS OFF-SITE RANGE CODE- STORAGE M10 | C | This field provides the code used to indicate the amount of the toxic chemical transferred to off-site facilities for storage (M10) within a range. If none, the submitter enters zero.<br>A = 1-10<br>B = 11-499<br>C = 500-999<br>*Source*: **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* Part II, Section 6.2A |
| 45 | TOTAL XFERS OFF-SITE AMOUNT- STORAGE M10 | N | System generated total quantity in pounds of reported chemical contained in the waste transferred to off-site facilities for storage (M10). If field number 43 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 44 is used for the total value.<br>*Source:* **OFF_SITE_AMOUNT.**OFF_SITE_ TOTAL or **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* NA (system generated) |
| 46 | BASIS OF ESTIMATE M10 | C | Provides a code indicating the principal method by which the total storage estimate is calculated.<br>M = based on monitoring data<br>C = based on mass balance calculations<br>E = based on published emission factors<br>O = other<br>*Source:* **V_BASIS_OF_ESTIMATE.**BASIS_ CODE<br>*Reference:* Part II, Section 6.2B |
| 47 | XFERS OFF-SITE POUNDS - SOLIDIFICATION/STABILI ZATION (METALS) M41 | N | This field provides an estimation of the total quantity in pounds of reported chemical contained in the waste transferred to off-site facilities for solidification/stabilization (metals) (M41). Range codes are used for transfers of less than 1000 lbs.<br>Source: **OFF_SITE_AMOUNT.**OFF_SITE_ TOTAL<br>*Reference:* Part II, Section 6.2A |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 48 | XFERS OFF-SITE RANGE CODE - SOLIDIFICATION/STABILIZATION (METALS) M41 | C | This field provides the code used to indicate the amount of the toxic chemical transferred to off-site facilities for solidification/stabilization (metals) (M41) within a range. If none, the submitter enters zero.<br>A = 1-10<br>B = 11-499<br>C = 500-999<br>*Source*: **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* Part II, Section 6.2A |
| 49 | TOTAL XFERS OFF-SITE AMOUNT - SOLIDIFICATION/STABILIZATION (METALS) M41 | N | System generated total quantity in pounds of reported chemical contained in the waste transferred to off-site facilities for solidification/stabilization (metals) (M41). If field number 47 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 48 is used for the total value.<br>*Source:* **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL or **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* NA (system generated) |
| 50 | BASIS OF ESTIMATE M41 | C | Provides a code indicating the principal method by which the total solidification/stabilization (metals) estimate is calculated.<br>M = based on monitoring data<br>C = based on mass balance calculations<br>E = based on published emission factors<br>O = other<br>*Source:* **V_BASIS_OF_ESTIMATE.**BASIS_CODE<br>*Reference:* Part II, Section 6.2B |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 51 | XFERS OFF-SITE POUNDS - WASTEWATER TRTMT (METALS) M62 | N | This field provides an estimation of the total quantity in pounds of reported chemical contained in the waste transferred to off-site wastewater treatment (metals) (M62). Range codes may be used for transfers of less than 1000 lbs.<br>Source: **OFF_SITE_AMOUNT.**OFF_SITE_ TOTAL<br>*Reference:* Part II, Section 6.2A |
| 52 | XFERS OFF-SITE RANGE CODE - WASTEWATER TRTMT (METALS) M62 | C | This field provides the code used to indicate the amount of the toxic chemical transferred to off-site wastewater treatment (metals) (M62) within a range. If none, the submitter enters zero.<br>A = 1-10<br>B = 11-499<br>C = 500-999<br>*Source*: **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* Part II, Section 6.2A |
| 53 | TOTAL XFERS OFF-SITE AMOUNT - WASTEWATER TRTMT (METALS) M62 | N | System generated total quantity in pounds of reported chemical contained in the waste transferred to off-site wastewater treatment (metals) (M62). If field number 51 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 52 is used for the total value.<br>*Source:* **OFF_SITE_AMOUNT.**OFF_SITE_ TOTAL or **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* NA (system generated) |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 54 | BASIS OF ESTIMATE M62 | C | Provides a code indicating the principal method by which the total wastewater treatment (metals) (M62) estimate is calculated.<br>M = based on monitoring data<br>C = based on mass balance calculations<br>E = based on published emission factors<br>O = other<br>*Source:* **V_BASIS_OF_ESTIMATE.**BASIS_CODE<br>*Reference:* Part II, Section 6.2B |
| 55 | XFERS OFF-SITE UNDERGROUND INJECTION POUNDS M71 | N | This field provides an estimation of the total quantity in pounds of reported chemical contained in the waste transferred to off-site underground injection (M71). Range codes may be used for transfers of less than 1000 lbs.<br>Source: **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL<br>*Reference:* Part II, Section 6.2A |
| 56 | XFERS OFF-SITE UNDERGROUND INJECTION RANGE CODE M71 | C | This field provides the code used to indicate the amount of the toxic chemical transferred to off-site underground injection (M71) within a range. If none, the submitter enters zero.<br>A = 1-10<br>B = 11-499<br>C = 500-999<br>*Source*: **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* Part II, Section 6.2A |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 57 | TOTAL UNDERGROUND INJECTION AMOUNT M71 | N | System generated total quantity in pounds of reported chemical contained in the waste transferred to off-site underground injection (M71). If field number 55 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 56 is used for the total value.<br>*Source:* **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL or **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* NA (system generated) |
| 58 | BASIS OF ESTIMATE M71 | C | Provides a code indicating the principal method by which the total underground injection (M71) estimate is calculated.<br>M = based on monitoring data<br>C = based on mass balance calculations<br>E = based on published emission factors<br>O = other<br>*Source:* **V_BASIS_OF_ESTIMATE.**BASIS_CODE<br>*Reference:* Part II, Section 6.2B |
| 59 | XFERS OFF-SITE LANDFILLS/DISPOSAL SURFACE IMPOUNDMENT POUNDS M72 | N | This field provides an estimation of the total quantity in pounds of reported chemical contained in the waste transferred to landfill/disposal surface impoundment ponds (M72). Range codes may be used for transfers of less than 1000 lbs.<br>Source: **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL<br>*Reference:* Part II, Section 6.2A |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 60 | XFERS OFF-SITE LANDFILLS/DISPOSAL SURFACE IMPOUNDMENT RANGE CODE M72 | C | This field provides the code used to indicate the amount of the toxic chemical transferred to landfill/disposal surface impoundment ponds (M72) within a range. If none, the submitter enters zero.<br>A = 1-10<br>B = 11-499<br>C = 500-999<br>*Source*: **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* Part II, Section 6.2A |
| 61 | TOTAL LANDFILLS/DISPOSAL SURFACE IMPOUNDMENT AMOUNT **M72** | N | System generated total quantity in pounds of reported chemical contained in the waste transferred to landfill/disposal surface impoundment ponds (M72). If field number 59 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 60 is used for the total value.<br>*Source:* **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL or **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* NA (system generated) |
| 62 | BASIS OF ESTIMATE M72 | C | Provides a code indicating the principal method by which the total landfill/disposal surface impoundment ponds (M72) estimate is calculated.<br>M = based on monitoring data<br>C = based on mass balance calculations<br>E = based on published emission factors<br>O = other<br>*Source:* **V_BASIS_OF_ESTIMATE.**BASIS_CODE<br>*Reference:* Part II, Section 6.2B |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 63 | LAND TREATMENT POUNDS M73 | N | This field provides an estimation of the total quantity in pounds of reported chemical contained in the waste subjected to land treatment (M73). Range codes may be used for transfers of less than 1000 lbs.<br>Source: **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL<br>*Reference:* Part II, Section 6.2A |
| 64 | LAND TREATMENT RANGE CODE M73 | C | This field provides the code used to indicate the amount of the toxic chemical subjected to land treatment (M73) within a range. If none, the submitter enters zero.<br>A = 1-10<br>B = 11-499<br>C = 500-999<br>*Source*: **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* Part II, Section 6.2A |
| 65 | TOTAL LAND TREATMENT TOTAL AMOUNT M73 | N | System generated total quantity in pounds of reported chemical contained in the waste subjected to land treatment (M73). If field number 63 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 64 is used for the total value.<br>*Source:* **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL or **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* NA (system generated) |
| 66 | BASIS OF ESTIMATE M73 | C | Provides a code indicating the principal method by which the total land treatment (M73) estimate is calculated.<br>M = based on monitoring data<br>C = based on mass balance calculations<br>E = based on published emission factors<br>O = other<br>*Source:* **V_BASIS_OF_ESTIMATE.**BASIS_CODE<br>*Reference:* Part II, Section 6.2B |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 67 | OTHER LAND DISPOSAL POUNDS M79 | N | This field provides an estimation of the total quantity in pounds of reported chemical contained in the waste subjected to other land disposal (M79). Range codes may be used for transfers of less than 1000 lbs.<br>Source: **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL<br>*Reference:* Part II, Section 6.2A |
| 68 | OTHER LAND DISPOSAL RANGE CODE M79 | C | This field provides the code used to indicate the amount of the toxic chemical subjected to other land disposal (M79) within a range. If none, the submitter enters zero.<br>A = 1-10<br>B = 11-499<br>C = 500-999<br>*Source*: **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* Part II, Section 6.2A |
| 69 | TOTAL OTHER LAND DISPOSAL AMOUNT M79 | N | System generated total quantity in pounds of reported chemical subjected to other land disposal (M79). If field number 67 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 68 is used for the total value.<br>*Source:* **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL or **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* NA (system generated) |
| 70 | BASIS OF ESTIMATE M79 | C | Provides a code indicating the principal method by which the total other land disposal (M79) estimate is calculated.<br>M = based on monitoring data<br>C = based on mass balance calculations<br>E = based on published emission factors<br>O = other<br>*Source:* **V_BASIS_OF_ESTIMATE.**BASIS_CODE<br>*Reference:* Part II, Section 6.2B |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 71 | OTHER OFF-SITE MANAGEMENT POUNDS M90 | N | This field provides an estimation of the total quantity in pounds of reported chemical subjected to other off-site management (M90). Range codes may be used for transfers of less than 1000 lbs.<br>Source: **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL<br>*Reference:* Part II, Section 6.2A |
| 72 | OTHER OFF-SITE MANAGEMENT RANGE CODE M90 | C | This field provides the code used to indicate the amount of the toxic chemical subjected to other off-site management (M90) within a range. If none, the submitter enters zero.<br>A = 1-10<br>B = 11-499<br>C = 500-999<br>*Source*: **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* Part II, Section 6.2A |
| 73 | TOTAL OTHER OFF-SITE MANAGEMENT AMOUNT M90 | N | System generated total quantity in pounds of reported chemical contained in the waste subjected to other off-site management (M90). If field number 71 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 72 is used for the total value.<br>*Source:* **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL or **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* NA (system generated) |
| 74 | BASIS OF ESTIMATE M90 | C | Provides a code indicating the principal method by which the total other off-site management (M90) estimate is calculated.<br>M = based on monitoring data<br>C = based on mass balance calculations<br>E = based on published emission factors<br>O = other<br>*Source:* **V_BASIS_OF_ESTIMATE.**BASIS_CODE<br>*Reference:* Part II, Section 6.2B |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 75 | TRANSFER TO WASTE BROKER-DISPOSAL POUNDS M94 | N | This field provides an estimation of the total quantity in pounds of reported chemical subjected to waste broker disposal (M94). Range codes may be used for transfers of less than 1000 lbs.<br>Source: **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL<br>*Reference:* Part II, Section 6.2A |
| 76 | TRANSFER TO WASTE BROKER-DISPOSAL RANGE CODE M94 | C | This field provides the code used to indicate the amount of the toxic chemical subjected to waste broker disposal (M94) within a range. If none, the submitter enters zero.<br>A = 1-10<br>B = 11-499<br>C = 500-999<br>*Source*: **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* Part II, Section 6.2A |
| 77 | TOTAL TRANSFER TO WASTE BROKER-DISPOSAL AMOUNT M94 | N | System generated total quantity in pounds of reported chemical contained in the waste subjected to waste broker disposal (M94). If field number 75 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 76 is used for the total value.<br>*Source:* **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL or **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* NA (system generated) |
| 78 | BASIS OF ESTIMATE M94 | C | Provides a code indicating the principal method by which the total waste broker disposal (M94) estimate is calculated.<br>M = based on monitoring data<br>C = based on mass balance calculations<br>E = based on published emission factors<br>O = other<br>*Source:* **V_BASIS_OF_ESTIMATE.**BASIS_CODE<br>*Reference:* Part II, Section 6.2B |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 79 | UNKNOWN POUNDS M99 | N | This field provides an estimation of the total quantity in pounds of reported chemical transported off-site for unknown processing (M99). Range codes may be used for transfers of less than 1000 lbs.<br>Source: **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL<br>*Reference:* Part II, Section 6.2A |
| 80 | UNKNOWN RANGE CODE M99 | C | This field provides the code used to indicate the amount of the toxic chemical transported off-site for unknown processing (M99) within a range. If none, the submitter enters zero.<br>A = 1-10<br>B = 11-499<br>C = 500-999<br>*Source*: **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* Part II, Section 6.2A |
| 81 | TOTAL UNKNOWN AMOUNT M99 | N | System generated total quantity in pounds of reported chemical transported off-site for unknown processing (M99). If field number 79 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 80 is used for the total value.<br>*Source:* **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL or **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* NA (system generated) |
| 82 | BASIS OF ESTIMATE M99 | C | Provides a code indicating the principal method by which the unknown processing (M99) estimate is calculated.<br>M = based on monitoring data<br>C = based on mass balance calculations<br>E = based on published emission factors<br>O = other<br>*Source:* **V_BASIS_OF_ESTIMATE.**BASIS_CODE<br>*Reference:* Part II, Section 6.2B |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 83 | TOTAL AMOUNT TRANSFERRED OFF-SITE FOR DISPOSAL | N | Total, in pounds, of toxic chemical reported transferred off-site for disposal (45 + 49 + 53 + 57 + 61 + 65 + 69 + 73 + 77 + 81).<br>*Source:* System generated<br>*Reference:* None |
| 84 | XFERS OFF-SITE POUNDS - SOLIDIFICATION/ STABILIZATION M40 | N | This field provides an estimation of the total quantity in pounds of reported chemical transported off-site for solidification/stabilization (M40). Range codes may be used for transfers of less than 1000 lbs.<br>Source: **OFF_SITE_AMOUNT.**OFF_SITE_ TOTAL<br>*Reference:* Part II, Section 6.2A |
| 85 | XFERS OFF-SITE RANGE CODE - SOLIDIFICATION/ STABILIZATION M40 | C | This field provides the code used to indicate the amount of the toxic chemical transported off-site for solidification/ stabilization (M40) within a range. If none, the submitter enters zero.<br>A = 1-10<br>B = 11-499<br>C = 500-999<br>*Source*: **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* Part II, Section 6.2A |
| 86 | TOTAL XFERS OFF-SITE AMOUNT - SOLIDIFICATION/STABILI ZATION M40 | N | System generated total quantity in pounds of reported chemical transported off-site for solidification/stabilization (M40). If field number 84 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 85 is used for the total value.<br>*Source:* **OFF_SITE_AMOUNT.**OFF_SITE_ TOTAL or **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* NA (system generated) |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 87 | BASIS OF ESTIMATE M40 | C | Provides a code indicating the principal method by which the total off-site solidification/stabilization (M40) is measured.<br>M = based on monitoring data<br>C = based on mass balance calculations<br>E = based on published emission factors<br>O = other<br>*Source:* **V_BASIS_OF_ESTIMATE.**BASIS_CODE<br>*Reference:* Part II, Section 6.2B |
| 88 | XFERS OFF-SITE POUNDS - INCINERATION/ THERMAL TREATMENT M50 | N | This field provides an estimation of the total quantity in pounds of reported chemical transported off-site for incineration/thermal treatment (M50). Range codes may be used for transfers of less than 1000 lbs.<br>Source: **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL<br>*Reference:* Part II, Section 6.2A |
| 89 | XFERS OFF-SITE RANGE CODE - INCINERATION/ THERMAL TREATMENT M50 | C | This field provides the code used to indicate the amount of the toxic chemical transported off-site for incineration/thermal treatment (M50) within a range. If none, the submitter enters zero.<br>A = 1-10<br>B = 11-499<br>C = 500-999<br>*Source*: **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* Part II, Section 6.2A |
| 90 | TOTAL XFERS OFF-SITE AMOUNT - INCINERATION/ THERMAL TREATMENT M50 | N | System generated total quantity in pounds of reported chemical transported off-site for incineration/thermal treatment (M50). If field number 88 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 89 is used for the total value.<br>*Source:* **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL or **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* NA (system generated) |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 91 | BASIS OF ESTIMATE M50 | C | Provides a code indicating the principal method by which the off-site incineration/thermal treatment (M50) estimate is calculated.<br>M = based on monitoring data<br>C = based on mass balance calculations<br>E = based on published emission factors<br>O = other<br>*Source:* **V_BASIS_OF_ESTIMATE.**BASIS_CODE<br>*Reference:* Part II, Section 6.2B |
| 92 | XFERS OFF-SITE POUNDS - INCINERATION/ INSIGNIFICANT FUEL VALUE M54 | N | This field provides an estimation of the total quantity in pounds of reported chemical transported off-site for incineration/insignificant fuel value (M54). Range codes may be used for transfers of less than 1000 lbs.<br>Source: **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL<br>*Reference:* Part II, Section 6.2A |
| 93 | XFERS OFF-SITE RANGE CODE - INCINERATION/ INSIGNIFICANT FUEL VALUE M54 | C | This field provides the code used to indicate the amount of the toxic chemical transported off-site for incineration/ insignificant fuel value (M54) within a range. If none, the submitter enters zero.<br>A = 1-10<br>B = 11-499<br>C = 500-999<br>*Source*: **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* Part II, Section 6.2A |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 94 | TOTAL XFERS OFF-SITE AMOUNT - INCINERATION/ INSIGNIFICANT FUEL VALUE M54 | N | System generated total quantity in pounds of reported chemical transported off-site for incineration/insignificant fuel value (M54). If field number 92 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 93 is used for the total value.<br>*Source:* **OFF_SITE_AMOUNT.**OFF_SITE_ TOTAL or **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* NA (system generated) |
| 95 | BASIS OF ESTIMATE M54 | C | Provides a code indicating the principal method by which the transported off-site for incineration/insignificant fuel value (M54) estimate is calculated.<br>M = based on monitoring data<br>C = based on mass balance calculations<br>E = based on published emission factors<br>O = other<br>*Source:* **V_BASIS_OF_ESTIMATE.**BASIS_ CODE<br>*Reference:* Part II, Section 6.2B |
| 96 | XFERS OFF-SITE POUNDS - WASTEWATER TREATMENT (EXCLUDING POTW) M61 | N | This field provides an estimation of the total quantity in pounds of reported chemical contained in the waste transferred to off-site wastewater treatment (excluding POTW) (M61). Range codes may be used for transfers of less than 1000 lbs.<br>Source: **OFF_SITE_AMOUNT.**OFF_SITE_ TOTAL<br>*Reference:* Part II, Section 6.2A1 |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 97 | XFERS OFF-SITE RANGE CODE - WASTEWATER TREATMENT M61 | C | This field provides the code used to indicate the amount of the toxic chemical transferred to off-site wastewater treatment (excluding POTW) (M61) within a range. If none, the submitter enters zero.<br>A = 1-10<br>B = 11-499<br>C = 500-999<br>*Source*: **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* Part II, Section 6.2A1 |
| 98 | TOTAL XFERS OFF-SITE AMOUNT - WASTEWATER TREATMENT M61 | N | System generated total quantity in pounds of reported chemical contained in the waste transferred to off-site wastewater treatment (excluding POTW) (M61). If field number 96 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 97 is used for the total value.<br>*Source:* **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL or **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* NA (system generated) |
| 99 | BASIS OF ESTIMATE M61 | C | Provides a code indicating the principal method by which the total wastewater treatment (excluding POTW) (M61) estimate is calculated.<br>M = based on monitoring data<br>C = based on mass balance calculations<br>E = based on published emission factors<br>O = other<br>*Source:* **V_BASIS_OF_ESTIMATE.**BASIS_CODE<br>*Reference:* Part II, Section 6.2B |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 100 | XFERS OFF-SITE POUNDS -OTHER WASTE TREATMENT M69 | N | This field provides an estimation of the total quantity in pounds of reported chemical subjected to other off-site waste treatment (M69). Range codes may be used for transfers of less than 1000 lbs.<br>Source: **OFF_SITE_AMOUNT.**OFF_SITE_ TOTAL<br>*Reference:* Part II, Section 6.2A |
| 101 | XFERS OFF-SITE RANGE CODE - OTHER WASTE TREATMENT M69 | C | This field provides the code used to indicate the amount of the toxic chemical subjected to other off-site waste treatment (M69) within a range. If none, the submitter enters zero.<br>A = 1-10<br>B = 11-499<br>C = 500-999<br>*Source*: **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* Part II, Section 6.2A |
| 102 | TOTAL XFERS OFF-SITE AMOUNT - OTHER WASTE TREATMENT M69 | N | System generated total quantity in pounds of reported chemical contained in the waste subjected to other off-site waste treatment (M69). If field number 100 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 101 is used for the total value.<br>*Source:* **OFF_SITE_AMOUNT.**OFF_SITE_ TOTAL or **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* NA (system generated) |
| 103 | BASIS OF ESTIMATE M69 | C | Provides a code indicating the principal method by which the total other off-site waste treatment (M69) estimate is calculated.<br>M = based on monitoring data<br>C = based on mass balance calculations<br>E = based on published emission factors<br>O = other<br>*Source:* **V_BASIS_OF_ESTIMATE.**BASIS_ CODE<br>*Reference:* Part II, Section 6.2B |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 104 | XFERS OFF-SITE POUNDS - TRANSFER TO WASTE BROKER-WASTE TREATMENT M95 | N | This field provides an estimation of the total quantity in pounds of reported chemical subjected to waste broker for treatment (M95). Range codes may be used for transfers of less than 1000 lbs.<br>Source: **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL<br>*Reference:* Part II, Section 6.2A |
| 105 | XFERS OFF-SITE RANGE CODE - TRANSFER TO WASTE BROKER-WASTE TREATMENT M95 | C | This field provides the code used to indicate the amount of the toxic chemical subjected to waste broker for treatment (M95) within a range. If none, the submitter enters zero.<br>A = 1-10<br>B = 11-499<br>C = 500-999<br>*Source*: **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* Part II, Section 6.2A |
| 106 | TOTAL XFERS OFF-SITE AMOUNT - TRANSFER TO WASTE BROKER-WASTE TREATMENT M95 | N | System generated total quantity in pounds of reported chemical contained in the waste subjected to waste broker for treatment (M95). If field number 104 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 105 is used for the total value.<br>*Source:* **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL or **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* NA (system generated) |
| 107 | BASIS OF ESTIMATE M95 | C | Provides a code indicating the principal method by which the total waste broker disposal (M94) estimate is calculated.<br>M = based on monitoring data<br>C = based on mass balance calculations<br>E = based on published emission factors<br>O = other<br>*Source:* **V_BASIS_OF_ESTIMATE.**BASIS_CODE<br>*Reference:* Part II, Section 6.2B |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 108 | TOTAL AMOUNT TRANSFERRED OFF-SITE FOR TREATMENT | N | Total, in pounds, of toxic chemical reported transferred off-site for treatment (86 + 90 + 94 + 98 + 102 + 106).<br>*Source:* System generated<br>*Reference:* None |
| 109 | XFERS OFF-SITE POUNDS - ENERGY RECOVERY M56 | N | This field provides an estimation of the total quantity in pounds of reported chemical sent off-site for energy recovery (M56). Range codes may be used for transfers of less than 1000 lbs.<br>Source: **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL<br>*Reference:* Part II, Section 6.2A |
| 110 | XFERS OFF-SITE RANGE CODE -ENERGY RECOVERY M56 | C | This field provides the code used to indicate the amount of the toxic chemical sent off-site for energy recovery (M56) within a range. If none, the submitter enters zero.<br>A = 1-10<br>B = 11-499<br>C = 500-999<br>*Source*: **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* Part II, Section 6.2A |
| 111 | TOTAL XFERS OFF-SITE AMOUNT - ENERGY RECOVERY M56 | N | System generated total quantity in pounds of reported chemical contained in the waste sent off-site for energy recovery (M56). If field number 109 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 110 is used for the total value.<br>*Source:* **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL or **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* NA (system generated) |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 112 | BASIS OF ESTIMATE M56 | C | Provides a code indicating the principal method by which the amount sent off-site for energy recovery (M56) estimate is calculated.<br>M = based on monitoring data<br>C = based on mass balance calculations<br>E = based on published emission factors<br>O = other<br>*Source:* **V_BASIS_OF_ESTIMATE.**BASIS_CODE<br>*Reference:* Part II, Section 6.2B |
| 113 | XFERS OFF-SITE POUNDS - TRANSFER TO WASTE BROKER-ENERGY RECOVERY M92 | N | This field provides an estimation of the total quantity in pounds of reported chemical sent to a waste broker for energy recovery (M92). Range codes may be used for transfers of less than 1000 lbs.<br>Source: **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL<br>*Reference:* Part II, Section 6.2A |
| 114 | XFERS OFF-SITE RANGE CODE - TRANSFER TO WASTE BROKER-ENERGY RECOVERY M92 | C | This field provides the code used to indicate the amount of the toxic chemical sent to a waste broker for energy recovery (M92) within a range. If none, the submitter enters zero.<br>A = 1-10<br>B = 11-499<br>C = 500-999<br>*Source*: **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* Part II, Section 6.2A |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 115 | TOTAL XFERS OFF-SITE AMOUNT - TRANSFER TO WASTE-BROKER-ENERGY RECOVERY M92 | N | System generated total quantity in pounds of reported chemical sent to a waste broker for energy recovery (M92). If field number 113 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 114 is used for the total value.<br>*Source:* **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL or **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* NA (system generated) |
| 116 | BASIS OF ESTIMATE M92 | C | Provides a code indicating the principal method by which the amount sent to a waste broker for energy recovery (M92) estimate is calculated.<br>M = based on monitoring data<br>C = based on mass balance calculations<br>E = based on published emission factors<br>O = other<br>*Source:* **V_BASIS_OF_ESTIMATE.**BASIS_CODE<br>*Reference:* Part II, Section 6.2B |
| 117 | TOTAL AMOUNT TRANSFERRED OFF-SITE FOR ENERGY RECOVERY | N | Total, in pounds, of toxic chemical reported transferred off-site for energy recovery (111 + 115).<br>*Source:* System generated<br>*Reference:* None |
| 118 | XFERS OFF-SITE POUNDS - SOLVENTS/ORGANICS RECOVERY M20 | N | This field provides an estimation of the total quantity in pounds of reported chemical sent off-site for solvents/organics recovery (M20). Range codes may be used for transfers of less than 1000 lbs.<br>Source: **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL<br>*Reference:* Part II, Section 6.2A |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 119 | XFERS OFF-SITE RANGE CODE - SOLVENTS/ORGANICS RECOVERY M20 | C | This field provides the code used to indicate the amount of the toxic chemical sent off-site for solvents/organics recovery (M20) within a range. If none, the submitter enters zero.<br>A = 1-10<br>B = 11-499<br>C = 500-999<br>*Source*: **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* Part II, Section 6.2A |
| 120 | TOTAL XFERS OFF-SITE AMOUNT - SOLVENTS/ORGANICS RECOVERY M20 | N | System generated total quantity in pounds of reported chemical contained in the waste off-site for solvents/organics recovery (M20). If field number 118 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 119 is used for the total value.<br>*Source:* **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL or **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* NA (system generated) |
| 121 | BASIS OF ESTIMATE M20 | C | Provides a code indicating the principal method by which the amount sent off-site for solvents/ organics recovery (M20) estimate is calculated.<br>M = based on monitoring data<br>C = based on mass balance calculations<br>E = based on published emission factors<br>O = other<br>*Source:* **V_BASIS_OF_ESTIMATE.**BASIS_CODE<br>*Reference:* Part II, Section 6.2B |
| 122 | XFERS OFF-SITE POUNDS -METALS RECOVERY M24 | N | This field provides an estimation of the total quantity in pounds of reported chemical sent off-site for metals recovery (M24). Range codes may be used for transfers of less than 1000 lbs.<br>Source: **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL<br>*Reference:* Part II, Section 6.2A |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 123 | XFERS OFF-SITE RANGE CODE - METALS RECOVERY M24 | C | This field provides the code used to indicate the amount of the toxic chemical sent off-site for metals recovery (M24) within a range. If none, the submitter enters zero.<br>A = 1-10<br>B = 11-499<br>C = 500-999<br>*Source*: **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* Part II, Section 6.2A |
| 124 | TOTAL XFERS OFF-SITE AMOUNT - METALS RECOVERY M24 | N | System generated total quantity in pounds of reported chemical contained in the waste off-site for off-site for metals recovery (M24). If field number 122 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 123 is used for the total value.<br>*Source:* **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL or **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* NA (system generated) |
| 125 | BASIS OF ESTIMATE M24 | C | Provides a code indicating the principal method by which the amount sent off-site for metals recovery (M24) estimate is calculated.<br>M = based on monitoring data<br>C = based on mass balance calculations<br>E = based on published emission factors<br>O = other<br>*Source:* **V_BASIS_OF_ESTIMATE.**BASIS_CODE<br>*Reference:* Part II, Section 6.2B |
| 126 | XFERS OFF-SITE POUNDS - OTHER REUSE OR RECOVERY M26 | N | This field provides an estimation of the total quantity in pounds of reported chemical sent off-site for other reuse or recovery (M26). Range codes may be used for transfers of less than 1000 lbs.<br>Source: **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL<br>*Reference:* Part II, Section 6.2A |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 127 | XFERS OFF-SITE RANGE CODE - OTHER REUSE OR RECOVERY M26 | C | This field provides the code used to indicate the amount of the toxic chemical sent off-site for other reuse or recovery (M26) within a range. If none, the submitter enters zero.<br>A = 1-10<br>B = 11-499<br>C = 500-999<br>*Source*: **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* Part II, Section 6.2A |
| 128 | TOTAL XFERS OFF-SITE AMOUNT - OTHER REUSE OR RECOVERY M26 | N | System generated total quantity in pounds of reported chemical contained in the waste off-site for other reuse or recovery (M26). If field number 126 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 127 is used for the total value.<br>*Source:* **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL or **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* NA (system generated) |
| 129 | BASIS OF ESTIMATE M26 | C | Provides a code indicating the principal method by which the amount sent off-site for other reuse or recovery (M26) estimate is calculated.<br>M = based on monitoring data<br>C = based on mass balance calculations<br>E = based on published emission factors<br>O = other<br>*Source:* **V_BASIS_OF_ESTIMATE.**BASIS_CODE<br>*Reference:* Part II, Section 6.2B |
| 130 | XFERS OFF-SITE POUNDS - ACID REGENERATION M28 | N | This field provides an estimation of the total quantity in pounds of reported chemical sent off-site for acid regeneration (M28). Range codes may be used for transfers of less than 1000 lbs.<br>Source: **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL<br>*Reference:* Part II, Section 6.2A |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 131 | XFERS OFF-SITE RANGE CODE - ACID REGENERATION M28 | C | This field provides the code used to indicate the amount of the toxic chemical sent off-site for acid regeneration (M28) within a range. If none, the submitter enters zero.<br>A = 1-10<br>B = 11-499<br>C = 500-999<br>*Source*:<br>**V_POUND_RANGE.**POUND_RANGE_ CODE<br>*Reference:* Part II, Section 6.2A |
| 132 | TOTAL XFERS OFF-SITE AMOUNT - ACID REGENERATION M28 | N | System generated total quantity in pounds of reported chemical contained in the waste off-site for acid regeneration (M28). If field number 130 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 131 is used for the total value.<br>*Source:* **OFF_SITE_AMOUNT.**OFF_SITE_ TOTAL or **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* NA (system generated) |
| 133 | BASIS OF ESTIMATE M28 | C | Provides a code indicating the principal method by which the amount sent off-site for acid regeneration (M28) estimate is calculated.<br>M = based on monitoring data<br>C = based on mass balance calculations<br>E = based on published emission factors<br>O = other<br>*Source:* **V_BASIS_OF_ESTIMATE.**BASIS_ CODE<br>*Reference:* Part II, Section 6.2B |
| 134 | XFERS OFF-SITE POUNDS - TRANSFER TO WASTE BROKER-RECYCLING M93 | N | This field provides an estimation of the total quantity transferred to a waste broker for recycling (M93). Range codes may be used for transfers of less than 1000 lbs.<br>Source: **OFF_SITE_AMOUNT.**OFF_SITE_ TOTAL<br>*Reference:* Part II, Section 6.2A |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 135 | XFERS OFF-SITE RANGE CODE - TRANSFER TO WASTE BROKER-RECYCLING M93 | C | This field provides the code used to indicate the amount of the toxic chemical transferred to a waste broker for recycling (M93) within a range. If none, the submitter enters zero.<br>A = 1-10<br>B = 11-499<br>C = 500-999<br>*Source*: **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* Part II, Section 6.2A |
| 136 | TOTAL XFERS OFF-SITE AMOUNT - TRANSFER TO WASTE BROKER-RECYCLING M93 | N | System generated total quantity in pounds of reported chemical contained in the waste transferred to a waste broker for recycling (M93). If field number 134 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 135 is used for the total value.<br>*Source:* **OFF_SITE_AMOUNT.**OFF_SITE_TOTAL or **V_POUND_RANGE.** POUND_RANGE_CODE<br>*Reference:* NA (system generated) |
| 137 | BASIS OF ESTIMATE M93 | C | Provides a code indicating the principal method by which the amount transferred to a waste broker for recycling (M93) estimate is calculated.<br>M = based on monitoring data<br>C = based on mass balance calculations<br>E = based on published emission factors<br>O = other<br>*Source:* **V_BASIS_OF_ESTIMATE.**BASIS_CODE<br>*Reference:* Part II, Section 6.2B |
| 138 | TOTAL AMOUNT TRANSFERRED OFF-SITE FOR RECYCLING | N | Total, in pounds, of toxic chemical reported transferred off-site for recycling (120 + 124 + 128 + 132 + 136).<br>*Source:* System generated<br>*Reference:* None |

## 2.4 Detailed Transfers Off-Site Data (POTWs) (Type 3B)

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 1 | TRIFID | C | Facility identification in the format zzzzznnnnnsssss where usually zzzzz = facility zip code, nnnnn = first five consonants of the name, and sssss = first five non-special characters in the street address.<br>**NOTE:** *The contents of this field is **not** changed to match facility ownership, or zip code changes. Rather, the TRI Facility ID identifies a specific geographical location which is also identified by the latitude and longitude of that location.*<br>*Source:* **FACILITY.**TRIFID<br>*Reference:* Part I, Section 4.1 |
| 2 | DOCUMENT CONTROL NUMBER | C | Unique identification number assigned to each submission by EPA. Format: TTYYMMMNNNNNCSS, where<br>TT = document type<br>YY = reporting year<br>MMM = media type<br>NNNNNN= sequential number<br>C = check digit<br>*Source:* **FORMR.** (13 + RY + DOC_TYPE + SEQ_NUM + Check digit)<br>*Reference:* NA (System generated) |
| 3 | CAS NUMBER | C | Chemical Abstracts Service (CAS) Registry Number for that unique chemical, or category code (for compounds).<br>**NOTE:** *CAS number 999999999 is for sanitized trade secret submissions; CHEM_NAME displays the reported generic chemical name.*<br>*Source:* **V_CAS_CHEMICAL.**CC_CODE<br>*Reference:* Part II, Section 1.1 |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 4 | REPORTING YEAR | C | Provides the calendar year in which the reported activities occur.<br>*Source:* **FACILITY_HISTORY**.REPORTING YEAR<br>*Reference:* Part I, Section 1 |
| 5 | TRADE SECRET INDICATOR | C | This field indicates whether the reporting facility claims the identity of the chemical or chemical category as a trade secret.<br>Yes = Checked (Trade Secret)<br>No = Not checked<br>Note: Only Sanitized Trade Secret submissions are stored in the TRIS database.<br>*Source:* **FORMR.**TRADE_SECRET<br>*Reference*: Part I, Section 2.1 |
| 6 | FACILITY NAME | C | Name of the reporting facility.<br>*Source:* **FACILITY.**NAME<br>*Reference:* Part I, Section 4.1 |
| 7 | FACILITY STREET | C | Street address of the reporting facility.<br>*Source:* **FACILITY.**STREET<br>*Reference:* Part I, Section 4.1 |
| 8 | FACILITY CITY | C | City in which the reporting facility is located.<br>*Source:* **V_CITY.**ZC_CITY<br>*Reference:* Part I, Section 4.1 |
| 9 | FACILITY COUNTY | C | County in which the reporting facility is located.<br>*Source:* **V_COUNTY.**ZC_COUNTY<br>*Reference:* Part I, Section 4.1 |
| 10 | FACILITY STATE | C | Two-letter state code of the reporting facility.<br>*Source:* **V_STATE.**ZC_STATE<br>*Reference:* Part I, Section 4.1 |
| 11 | FACILITY ZIP CODE | C | Five-digit zip plus the four digit extended zip code of the reporting facility.<br>*Source:* **V_ZIPCODE.** ZC_ZIPCODE<br>*Reference:* Part I, Section 4.1 |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 12 | ENTIRE FACILITY IND | C | Indicates whether the information covers an entire facility or part of a facility.<br>Yes = entire<br>No = partial<br>*Source:* **FACILITY.** ASGN_PARTIAL<br>*Reference:* Part I, Section 4.2a |
| 13 | PARTIAL FACILITY IND | C | Indicates whether the information covers an entire facility or part of a facility.<br>Yes = partial<br>No = entire<br>*Source:* **FACILITY.** ASGN_PARTIAL<br>*Reference:* Part I, Section 4.2b |
| 14 | FEDERAL FACILITY IND | C | Code indicating whether a facility is Federal or not.<br>Yes = Federal<br>No = non-Federal or GOCO<br>*Source:* **FACILITY.**ASGN_FEDERAL<br>*Form R:* Part I Section 4.2c |
| 15 | PRIMARY SIC CODE | C | Primary four-digit Standard Industrial Classification (SIC) Code.<br>*Source:* **SIC.**V_SIC_ID<br>*Reference:* Part I, Section 4.5a |
| 16 | SIC CODE 2 | C | Second four-digit Standard Industrial Classification (SIC) Code entered by facility.<br>*Source:* **SIC.**V_SIC_ID<br>*Reference:* Part I, Section 4.5b |
| 17 | SIC CODE 3 | C | Third four-digit Standard Industrial Classification (SIC) Code entered by facility.<br>*Source:* **SIC.**V_SIC_ID<br>*Reference:* Part I, Section 4.5c |
| 18 | SIC CODE 4 | C | Fourth four-digit Standard Industrial Classification (SIC) Code entered by facility.<br>*Source:* **SIC.**V_SIC_ID<br>*Reference:* Part I, Section 4.5d |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 19 | SIC CODE 5 | C | Fifth four-digit Standard Industrial Classification (SIC) Code entered by facility.<br>*Source:* **SIC.**V_SIC_ID<br>*Reference:* Part I, Section 4.5e |
| 20 | SIC CODE 6 | C | Sixth four-digit Standard Industrial Classification (SIC) Code entered by facility.<br>*Source:* **SIC.**V_SIC_ID<br>*Reference:* Part I, Section 4.5f |
| 21 | LATITUDE | N | Reported latitude of the reporting facility **converted into decimal degrees** (Format: signed 2 digit whole number, 6 digit decimal positions +nn.nnnnnn).<br>*Source:* **FACILITY.**<br>ASGN_LATITUDE_DEGREES,<br>ASGN_LATITUDE_MINUTES<br>ASGN_LATITUDE_SECONDS<br>*Reference:* Part I, Section 4.6 |
| 22 | LONGITUDE | N | Reported longitude of the reporting facility **converted into decimal degrees.** (Format: signed 3 digit whole number, 6 digit decimal positions +nnn.nnnnnn).<br>*Source:* **FACILITY.**<br>ASGN_LONGITUDE_DEGREES<br>ASGN_LONGITUDE_MINUTES<br>ASGN_LONGITUDE_SECONDS<br>*Reference:* Part I, Section 4.6 |
| 23 | D&B NR A | C | Unique identification number assigned by Dun and Bradstreet to the reporting facility.<br>*Source:*<br>*Reference:* Part I, Section 4.7a |
| 24 | D&B NR B | C | Unique identification number assigned by Dun and Bradstreet to the reporting facility.<br>*Source:*<br>**FACILITY_DB_NUM.**DB_NUMBER<br>*Reference:* Part I, Section 4.7b |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 25 | RCRA NR A | C | Twelve-digit alphanumeric identifier assigned by EPA under the Resource Conservation and Recovery Act.<br>*Source:* **FACILITY_RCRA.**RCRA or RCRA_NA<br>*Reference:* Part I, Section 4.8a |
| 26 | RCRA NR B | C | Twelve-digit alphanumeric identifier assigned by EPA under the Resource Conservation and Recovery Act.<br>*Source:*<br>*Reference:* Part I, Section 4.8b |
| 27 | NPDES NR A | C | Nine-digit alphanumeric identifier assigned to a facility under EPA's National Pollutant Discharge Elimination System.<br>*Source:*<br>**FACILITY_NPDES.**NPDES_NUMBER<br>*Reference:* Part I, Section 4.9a |
| 28 | NPDES NR B | C | Nine-digit alphanumeric identifier assigned to a facility under EPA's National Pollutant Discharge Elimination System.<br>*Source:*<br>*Reference:* Part I, Section 4.9b |
| 29 | UIC NR A | C | Underground injection identification number, assigned by EPA or the state, to a facility which injects chemical waste into class 1 deep wells.<br>*Source:* **FACILITY_UIC.**UIC_NUMBER<br>*Reference:* Part I, Section 4.10a |
| 30 | UIC NR B | C | Underground injection identification number, assigned by EPA or the state, to a facility which injects chemical waste into class 1 deep wells.<br>*Source:* **FACILITY_UIC.**UIC_NUMBER<br>*Reference:* Part I, Section 4.10b |
| 31 | PARENT COMPANY NAME | C | Name of the corporation or other business entity that owns or controls the reporting facility.<br>*Source:* **PARENT_COMPANY.**PARENT_NAME<br>*Reference:* Part I, Section 5.1 |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 32 | PARENT COMPANY D&B NR | C | Unique identification number assigned by Dun and Bradstreet to the parent company of the reporting facility.<br>*Source:*<br>**PARENT_COMPANY.**PARENT_DB<br>*Reference:* Part I, Section 5.2 |
| 33 | TOTAL POTW TRANSFERS | N | Amount reported in pounds of total of transfers offsite to publicly owned treatment works.<br>*Source:*<br>**OFF_SITE_AMOUNT.**OFF_SITE_TOTAL + **V_POUND_RANGE.**POUND_ RANGE_CODE<br>*Form R:* Part II, Section 6.1.A.1 |
| 34 | BASIS OF ESTIMATE FOR POTWS | | Provides a code indicating the principal method by which the amount transferred to a waste broker for recycling (M93) estimate is calculated.<br>M = based on monitoring data<br>C = based on mass balance calculations<br>E = based on published emission factors<br>O = other<br>*Source:* **V_BASIS_OF_ESTIMATE.**BASIS_ CODE<br>*Reference:* Part II, Section 6.1.A.2 |
| 35 | POTW A - NAME | C | This field contains the name of the publicly-owned treatment works facility (POTW) location to which the chemical was sent.<br>*Source:* **POTW_91.**POTW_91_NAME<br>*Reference:* Part II, Section 6.1.B.1 |
| 36 | POTW A - ADDRESS | C | This field provides the street address of the POTW location to which the chemical was sent.<br>*Source:* **POTW_91.**POTW_91_ADDRESS<br>*Reference:* Part II, Section 6.1.B.1 |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 37 | POTW A - CITY | C | This field provides the name of the city in which the POTW site is located.<br>*Source:* **POTW_91.**POTW_91_CITY<br>*Reference:* Part II, Section 6.1.B.1 |
| 38 | POTW A - STATE | C | This field provides the two-letter state abbreviation of the POTW site.<br>*Source:* **POTW_91.**POTW_91_STATE<br>*Reference:* Part II, Section 6.1.B.1 |
| 39 | POTW A - COUNTY | C | This field provides the name of the county in which the POTW site is located.<br>*Source:* **POTW_91.**POTW_91_COUNTY<br>*Reference:* Part II, Section 6.1.B.1 |
| 40 | POTW A - ZIP | C | This field provides the zip code used in the address of a POTW site.<br>*Source:* **POTW_91.**POTW_91_ZIPCODE<br>*Reference:* Part II, Section 6.1.B.1 |
| 41 | POTW B - NAME | C | This field contains the name of the publicly-owned treatment works facility (POTW) location to which the chemical was sent.<br>*Source:* **POTW_91.**POTW_91_NAME<br>*Reference:* Part II, Section 6.1.B.2 |
| 42 | POTW B - ADDRESS | C | This field provides the street address of the POTW location to which the chemical was sent.<br>*Source:* **POTW_91.**POTW_91_ADDRESS<br>*Reference:* Part II, Section 6.1.B.2 |
| 43 | POTW B - CITY | C | This field provides the name of the city in which the POTW site is located.<br>*Source:* **POTW_91.**POTW_91_CITY<br>*Reference:* Part II, Section 6.1.B.2 |
| 44 | POTW B - STATE | C | This field provides the two-letter state abbreviation of the POTW site.<br>*Source:* **POTW_91.**POTW_91_STATE<br>*Reference:* Part II, Section 6.1.B.2 |
| 45 | POTW B - COUNTY | C | This field provides the name of the county in which the POTW site is located.<br>*Source:* **POTW_91.**POTW_91_COUNTY<br>*Reference:* Part II, Section 6.1.B.2 |

| Num. | Field Name | Type | Description |
|---|---|---|---|
| 46 | POTW B - ZIP | C | This field provides the zip code used in the address of a POTW site.<br>*Source:* **POTW_91.**POTW_91_ZIPCODE<br>*Reference:* Part II, Section 6.1.B.1 |